FOR CAR USE ONLY/NUR FÜR AUTOMOBIL GEBRAUCH/POUR APPLICATION AUTOMOBILE UNIQUEMENT/PARA USO EN AUTOMÓVILES/SOLO PER L'UTILIZZO IN AUTOMOBILE/ENDAST FÖR BILBRUK/ALLEEN VOOR GEBRUIK IN DE AUTO/ ТОЛЬКО ДЛЯ ИСПОЛЬЗОВАНИЯ В АВТОМОБИЛЯХ/DO UŻYCIA TYLKO W SAMOCHODZIE/ΓΙΑ ΧΡΗΣΗ ΜΟΝΟ ΣΕ ΑΥΤΟΚΙΝΗΤΟ

EN DE FR ES IT SE NL RU PL GR

ALPINE®

CD Receiver

CDE-114BTi/CDE-113BT/CDE-112Ri CDE-111R/CDE-111RM

Made for iPod

Works with iPhone

iPhone 3G
8GB 16GB

iPhone
4GB 8GB 16GB

Cable for iPod Included

(CDE-114BTi/CDE-112Ri only)

Bluetooth® Parrot move wireless Front Connectors

(CDE-114BTi/CDE-113BT only)

Bluetooth Ready Front Connectors

(CDE-112Ri only)

Bluetooth Ready Front Connector

(CDE-111R/RM only)

- OWNER'S MANUAL
  Please read before using this equipment.
- BEDIENUNGSANLEITUNG
  Lesen Sie diese Bedienungsanleitung bitte vor Gebrauch des Gerätes.
- MODE D'EMPLOI
  Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN
  Léalo antes de utilizar este equipo.
- ISTRUZIONI PER L'USO
  Si prega di leggere prima di utilizzare il attrezzatura.
- ANVÄNDARHANDLEDNING
  Innan du använder utrustningen bör du läsa igenom denna användarhandledning.
- GEBRUIKERSHANDLEIDING
  Lees deze aanwijzingen aandachtig alvorens dit toestel te gebruiken.
- РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ
  Прочтите настоящее руководство перед началом использования оборудования.
- INSTRUKCJA OBSŁUGI
  Prosimy zapoznać siç z tą instrukcją przed przystąpieniem do użytkowania urządzenia.
- ΕΓΧΕΙΡΙΔΟ ΧΡΗΣΤΗ
  Παρακαλούμε διαβάστε το πριν χρησιμοποιήσετε τη συσκευή.

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Operating Instructions

WARNING

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Centre for repairing.

⚠ PRECAUTIONS

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +60°C (+140°F) and −10°C (+14°F) before turning your unit on.

Moisture Condensation

You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.

Damaged Disc

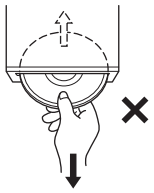
Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Never Attempt the Following

Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.
Do not attempt to insert a disc into the unit when the unit power is off.



Inserting Discs

Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.
Make sure the label side is facing up when you insert the disc. “ERROR” will be displayed on your player if you insert a disc incorrectly. If “ERROR” continues to be displayed even though the disc has been inserted correctly, push the RESET switch with a pointed object such as a ballpoint pen.
Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.

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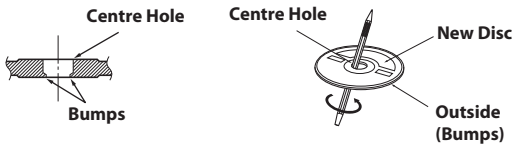
New Discs

To prevent the CD from jamming, "ERROR" is displayed if discs with irregular surfaces are inserted or if discs are inserted incorrectly. When a new disc is ejected immediately after initial loading, use your finger to feel around the inside of the centre hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ballpoint pen or other such instrument, then insert the disc again.



Irregular Shaped Discs

Be sure to use round shape discs only for this unit and never use any special shape discs.
Use of special shape discs may cause damage to the mechanism.

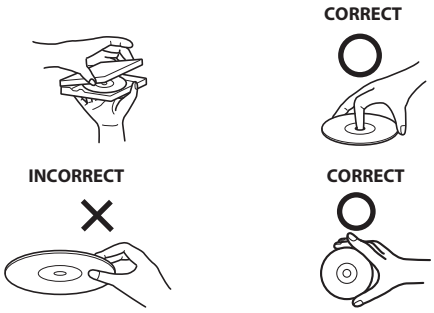
Installation Location

Make sure this unit will not be installed in a location subjected to:

- Direct sun and heat
- High humidity and water
- Excessive dust
- Excessive vibrations

Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.



Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the centre of the disc to the outer edge.

If the surface is heavily soiled, dampen a clean, soft cloth in a solution of mild neutral detergent before cleaning the disc.

Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.

On handling Compact Discs (CD/CD-R/CD-RW)

- Do not touch the surface.
- Do not expose the disc to direct sunlight.
- Do not affix stickers or labels.
- Clean the disc when it is dusty.
- Make sure that there are no bumps around the disc.
- Do not use commercially available disc accessories.

Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight. Heat and humidity may damage the CD and you may not be able to play it again.

To customers using CD-R/CD-RW

- If a CD-R/CD-RW cannot be played back, make sure the last recording session was closed (finalised).
- Finalize the CD-R/CD-RW if necessary, and attempt playback again.

About media that can be played

The following table shows which discs can be played on which models.

	CD	CD-TEXT	MP3	WMA	AAC
CDE-111R	○	○	○		
CDE-111RM	○	○	○		
CDE-112Ri	○	○	○	○	○
CDE-113BT	○	○	○	○	○
CDE-114BTi	○	○	○	○	○

Use only compact discs with the label side showing the CD logo marks below.

If you use unspecified compact discs, correct performance cannot be guaranteed.
You can play CD-Rs (CD-Recordables)/CD-RWs (CD-ReWritables) which have been recorded only on audio devices. You can also play CD-Rs/CD-RWs containing MP3 formatted audio files.

- Some of the following CDs may not play on this unit:

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Flawed CDs, CDs with fingerprints, CDs exposed to extreme temperatures or sunlight (e.g., left in the car or this unit), CDs recorded under unstable conditions, CDs on which a recording failed or a re-recording was attempted, copy-protected CDs which do not conform to the audio CD industry standard.

- Use discs with MP3 files written in a format compatible with this unit. For details, refer to "About MP3/WMA/AAC" on page 12.
- ROM data other than audio files contained in a disc will not produce sound when played back.

Protecting the USB Connection Terminal

- Only a USB Flash Memory devices can be connected to the USB connection terminal on this unit. Correct performance using other USB products cannot be guaranteed. A USB hub is not supported.
- Do not connect a USB Memory over 20 mm wide.
  Also, avoid connecting USB Memory and Front Aux at the same time.
- If a USB device is inserted in the unit, it projects out and may be a danger while driving.
  Use a commercially available USB extension cable, and connect it in a safe way.
- Depending on the connected USB Memory device, the unit may not function or some functions may not be performed.
- The audio file format that can be played back on the unit is MP3/WMA/AAC.
- Artist/song name, etc., can be displayed, however characters may not be correctly displayed.

On Handling USB Memory

⚠CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

- To prevent malfunction or damage, note the following points.
  Read the USB Memory Owner's Manual thoroughly.
  Do not touch the terminals by hand or metal.
  Do not subject USB Memory to excessive shock.
  Do not bend, drop, disassemble, modify or soak in the water.
- Avoid usage or storage in the following locations:
  Anywhere in the car exposed to direct sunlight or high temperatures.
  Anywhere the possibility of high humidity or corrosive substances is present.
- Fix the USB Memory in a location where driver operation will not be hindered.
- USB Memory may not function correctly at high or low temperature.
- The USB Flash Memory supports only 512 or 2,048 bytes per sector.
- Use only certified USB Memory. Please pay attention that even certified USB Memory, may not function correctly depending on its type or state.
- USB Memory function is not guaranteed. Use USB Memory according to the terms of agreement.
- Depending on the settings of the USB Memory type, memory state or encoding software, the unit may not play back or display properly.
- A file that is copy-protected (copyright protection) cannot be played back.
- USB Memory may take time to start playback. If there is a particular file other than audio in the USB Memory, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3", "wma" or "m4a" file extensions.
- Do not add the above extensions to a file other than audio data. This non-audio data will not be recognised. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, then remove the USB device to prevent possible damage to its memory.

- *Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.*
- *iPod is a trademark of Apple Inc., registered in the U.S. and other countries.*
- *iPhone is a trademark of Apple Inc.*
- *"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.*
- *"Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards.*
- *Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.*
- *The BLUETOOTH® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Alpine Electronics, Inc. is under license.*
- *"MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson."*
- *"Supply of this product only conveys a licence for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generation) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit http://www.mp3licensing.com"*

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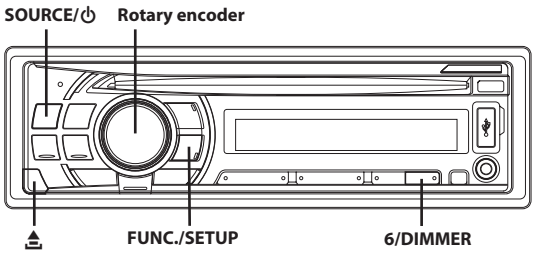
Getting Started



* *The illustrator is for CDE-114BTi.*

Accessory List

- **Head Unit 1**
- **Power Cable 1**
- **FULL SPEED Connection Cable (CDE-112Ri/CDE-114BTi only) 1**
- **Microphone (4 m) (CDE-113BT/CDE-114BTi only) 1**
- **Mounting Sleeve 1**
- **Carrying Case.....1**
- **Rubber Cap 1**
- **Hex Bolt.....1**
- **Screw (M5 × 8) 4**
- **Owner's Manual.....1 set**

Turning Power On and Off

1 **Press SOURCE/⏻ to turn on the unit.**

Note

- *The unit can be turned on by pressing any other button except ⏏ and ⏏ (Release).*

1 **Press and hold SOURCE/⏻ for at least 2 seconds to turn off the unit.**

Note

- *The first time power is turned on, the volume will start from level 12.*

Source Selection

1 **Press SOURCE/⏻ to change the source.**

TUNER → DISC → USB AUDIO → iPod*1/AUX+*2 → BT AUDIO*3 → AUX*4 → TUNER

*1 *Only when the iPhone/iPod is connected and AUX+ SETUP is set to OFF, refer to "Setting the AUX+ SETUP Mode" on page 19.*

*2 *Displayed only when AUX+ SETUP is set to ON, refer to "Setting the AUX+ SETUP Mode" on page 19.*

*3 *Only for CDE-111R/CDE-111RM/CDE-112Ri and BT IN is set to BT ADAPTER. Refer to "BLUETOOTH Setting" on page 17.*

*4 *Refer to "Using the Front AUX Input Terminal (CDE-112Ri/CDE-113BT/CDE-114BTi only)" on page 15.*

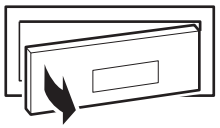
Detaching and Attaching the Front Panel

Detaching

1 **Turn off the unit power.**

2 **Press ⏏ (Release) at the lower left side until the front panel pops out.**

3 **Grasp the left side of the front panel and pull it out.**



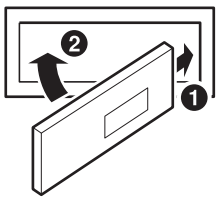
Notes

- *The front panel may become hot in normal usage (especially the connector terminals on the back of the front panel). This is not a malfunction.*
- *To protect the front panel, place it in the supplied carrying case.*
- *When detaching the front panel, do not apply excessive force as it may result in malfunction.*

Attaching

1 **Insert the right side of the front panel into the main unit. Align the groove on the front panel with the projections on the main unit.**

2 **Push the left side of the front panel until it locks firmly into the main unit.**



Notes

- *Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.*
- *Attach the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake.*

Initial System Start-Up

Be sure to press the **RESET** switch when using the unit for the first time, after changing the car battery, etc.

1 **Turn off the unit power.**

2 **Remove the detachable front panel.**

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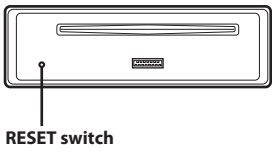
3 Press **RESET** with a ballpoint pen or similar pointed object.



Adjusting Volume

1 Turn the **Rotary encoder** until the desired sound is obtained.

Setting the Dimmer Control (CDE-112Ri/ CDE-113BT/CDE-114BTi only)

1 Press **FUNC./SETUP** so that the ◀F▶ indicator lights up.

2 Press **6/DIMMER** repeatedly to select the DIMMER mode.

DIMMER-A (Auto mode) → DIMMER ON → DIMMER OFF → DIMMER-A

DIMMER-A mode:
Decrease the illumination brightness of the unit with the head lights of the vehicle ON. This mode is useful if you feel the unit's backlighting is too bright at night.

DIMMER ON mode:
Keep the illumination brightness of the unit dark.

DIMMER OFF mode:
Keep the illumination brightness of the unit bright.

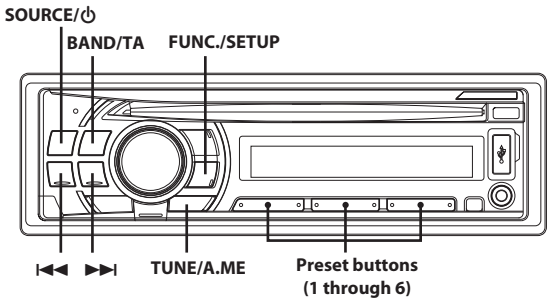
3 Press **FUNC./SETUP** to activate the normal mode.

The ◀F▶ indicator goes out.

Notes

- *Operate the unit while the ◀F▶ indicator lights up. If no operation is performed for 10 seconds, the ◀F▶ indicator goes out.*
- *The function is inoperable when the ILLUMINATI is set to other than TYPE1 for CDE-112Ri/CDE-113BT, refer to "Changing Lighting Colour (CDE-112Ri/CDE-113BT only)" on page 17.*

Radio



* *The illustrator is for CDE-114BTi.*

Listening to Radio

1 Press **SOURCE/⏻** to select TUNER mode.

2 Press **BAND/TA** repeatedly until the desired radio band is displayed.

F1 (FM1) → F2 (FM2) → F3 (FM3) → MW → LW → F1 (FM1)

3 Press **TUNE/A.ME** to select the tuning mode.

DX SEEK (Distance mode) → SEEK (Local mode) → OFF (Manual mode) → DX SEEK

Note

- *The initial mode is Distance mode.*

Distance mode:
Both strong and weak stations will be automatically tuned in (Automatic Seek Tuning).

Local mode:
Only strong stations will be automatically tuned in (Automatic Seek Tuning).

Manual mode:
The frequency is manually tuned in steps (Manual tuning).

4 Press **I◀◀** or **▶▶I** to tune in the desired station.

Holding down **I◀◀** or **▶▶I** will change the frequency continuously.

Presetting Stations Manually

1 While receiving the station that you want to store, press and hold, for at least 2 seconds, any one of the **preset buttons (1 through 6)** into which you wish to store the station.

The display shows the band, preset number and station frequency memorised.

Notes

- *A total of 30 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, FM3, MW and LW).*
- *If you store a station in a preset memory which already has a station, the current station will be cleared and replaced with the new station.*
- *If the ◀F▶ indicator is illuminated, turn off the indicator by pressing* **FUNC./SETUP**, *and then you can perform the operation.*

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Presetting Stations Automatically

1 **Press BAND/TA repeatedly until the desired radio band is displayed.**

2 **Press and hold TUNE/A.ME for at least 2 seconds.**

The frequency on the display continues to change while the automatic memory is in progress. The tuner will automatically seek and store 6 strong stations in the selected band. They will be stored into preset buttons 1 to 6 in order of signal strength. When the automatic memory has been completed, the tuner goes to the station stored in preset location No.1.

Note

- *If no stations are stored, the tuner will return to the original station you were listening to before the auto memory procedure began.*

Tuning to Preset Stations

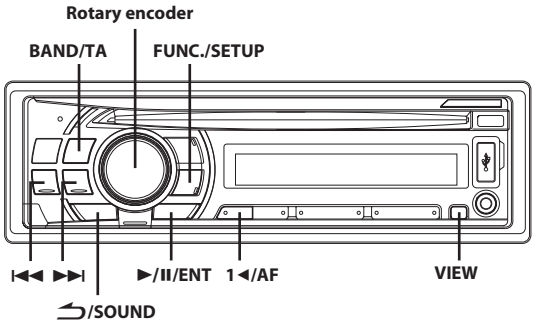
1 **Select the band, and then press any one of the station preset buttons (1 through 6) that has your desired radio station in memory.**

The display shows the band, preset number and frequency of the station selected.

Note

- *If the ◀F▶ indicator is illuminated, turn off the indicator by pressing* **FUNC./SETUP***, and then you can perform the operation.*

RDS



* *The illustrator is for CDE-114BTi.*

Setting RDS Reception Mode and Receiving RDS Stations

The RDS (Radio Data System) is a radio information system using the 57 kHz subcarrier of regular FM broadcast. The RDS allows you to receive a variety of information such as traffic information, station names, and to automatically re-tune to a stronger transmitter that is broadcasting the same programme.

1 **Press FUNC./SETUP so that the ◀F▶ indicator lights up.**

2 **Press 1◀/AF to activate the RDS mode.**

3 **Press I◀◀ or ▶▶I to tune in the desired RDS station.**

4 **Press 1◀/AF again to deactivate the RDS mode.**

5 **Press FUNC./SETUP to activate the normal mode.**

The ◀F▶ indicator goes out.

Note

- *Operate the unit while the ◀F▶ indicator lights up. If no operation is performed for 10 seconds, the ◀F▶ indicator goes out.*

The RDS digital data includes the following:

PI	Programme Identification
PS	Programme Service Name
AF	List of Alternative Frequencies
TP	Traffic Programme
TA	Traffic Announcement
EON	Enhanced Other Networks

Recalling Preset RDS Stations

1 **Press FUNC./SETUP so that the ◀F▶ indicator lights up.**

2 **Press 1◀/AF to activate the RDS mode.**

3 **Press FUNC./SETUP to activate the normal mode.**

The ◀F▶ indicator goes out.

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4 Make sure that the ◀F▶ indicator light goes out, then press the preset button in which your desired RDS station is preset.

If the preset station's signal is weak, the unit automatically searches and tunes to a stronger station in the AF (Alternative Frequencies) list.

5 If the preset station and the stations in the AF list cannot be received:

When the PI SEEK setting is on (refer to "PI SEEK Setting" on page 9), the unit searches again for a station in the PI (Programme Identification) list.
If there are still no stations receivable in the area, the unit displays the frequency of the preset station and the preset number disappears.
If the signal level of the Regional (Local) station being tuned becomes too weak to receive, press the same preset button to tune in a Regional station in other district.

Notes

- *For presetting the RDS stations, refer to the Radio Operation section. The RDS stations can be preset in the F1, F2 and F3 bands only.*
- *Operate the unit while the ◀F▶ indicator lights up. If no operation is performed for 10 seconds, the ◀F▶ indicator goes out.*

Receiving RDS Regional (Local) Stations

1 Press and hold FUNC./SETUP for at least 2 seconds to activate the SETUP mode.

2 Turn the Rotary encoder to select the REGIONAL mode, and then press ►/II/ENT.

3 Turn the Rotary encoder to select ON or OFF.

In the OFF mode, the unit automatically keeps receiving the related local RDS station.

4 Press and hold FUNC./SETUP for at least 2 seconds to return to normal mode.

Notes

- *Press ⮌/SOUND to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

PI SEEK Setting

1 Press and hold FUNC./SETUP for at least 2 seconds to activate the SETUP mode.

2 Turn the Rotary encoder to select the PI SEEK mode, and then press ►/II/ENT.

3 Turn the Rotary encoder to select ON or OFF.

4 Press and hold FUNC./SETUP for at least 2 seconds to return to normal mode.

Notes

- *Press ⮌/SOUND to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Receiving Traffic Information

1 Press and hold BAND/TA for at least 2 seconds so that the "TA" indicator lights up.

2 Press I◀◀ or ▶▶I to select your desired traffic information station.

When a traffic information station is tuned in, the "TP" indicator lights up.
Traffic information is heard only when it is being broadcast. If traffic information is not being broadcast, the unit is set in the standby mode. When a traffic information broadcast begins, the unit automatically receives it and the display shows "TRF-INFO" for 5 seconds.
When the traffic information broadcast is over, the unit will automatically set in the standby mode.

Notes

- *If you do not want to listen to the traffic information being received, lightly press **BAND/TA** to skip that traffic information message. The TA mode will remain in the ON position to receive the next traffic information message.*
- *If the volume level is changed while receiving traffic information, the changed volume level will be memorized. When traffic information is received next time, the volume level will be automatically adjusted to the level memorized.*
- *In the TA mode, the SEEK tuning selects only the TP stations.*

Receiving Traffic Information While Playing CD or Radio

1 Press and hold BAND/TA for at least 2 seconds so that the "TA" indicator lights up.

2 Press I◀◀ or ▶▶I to select a traffic information station if necessary.

When a traffic information broadcast starts, the unit automatically mutes the CD player or the regular FM broadcast. When the traffic information broadcast finishes, the unit automatically returns to the original source play before the traffic information broadcast began.

When traffic information stations cannot be received:

In the CD mode:
When the TP signal can no longer be received, the traffic information station of another frequency will be selected automatically.

Note

- *The receiver is equipped with the EON (Enhanced Other Networks) function in order to keep track of additional alternate frequencies to the AF list. The "EON" indicator lights up while an RDS EON station is being received. If the station being received does not broadcast the traffic information, the receiver automatically tunes in the related station that broadcasts the traffic information when it occurs.*

3 Press and hold BAND/TA for at least 2 seconds to deactivate the Traffic Information mode.

The "TA" indicator goes out.

Displaying Radio Text

Text messages from a radio station can be displayed.

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1 **Press VIEW while receiving FM in the radio mode to select the Radio Text display.**

The display will change every time the button is pressed.

If there is PS (Programme Service Name):

PS (Programme Service Name)* → RADIO TEXT → PS (Programme Service Name)

* *If* **VIEW** *is pressed and held for at least 2 seconds while displaying PS in the radio mode, frequency will be displayed for 5 seconds.*

If there is no PS (Programme Service Name):

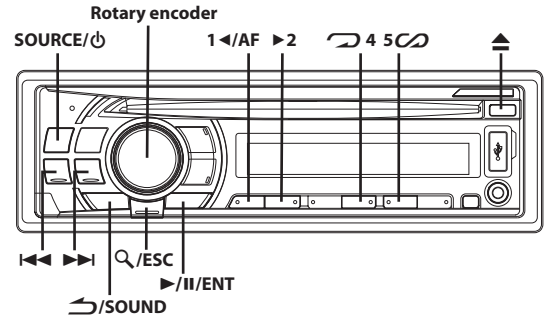
FREQUENCY → RADIO TEXT → FREQUENCY

The display shows "WAITING" for a few seconds, then starts scrolling the text message.

Note

- *If there is no receivable text message or the unit cannot receive a text message properly, the display shows "NO TEXT".*

CD/MP3/WMA/AAC



* *The illustrator is for CDE-114BTi.*

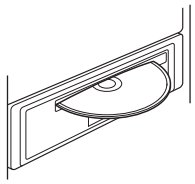
Playback

The following table shows which discs can be played on which models.

	CD	CD-TEXT	MP3	WMA	AAC
CDE-111R	○	○	○		
CDE-111RM	○	○	○		
CDE-112Ri	○	○	○	○	○
CDE-113BT	○	○	○	○	○
CDE-114BTi	○	○	○	○	○

1 **Insert a disc with the label side facing up.**

The disc will be pulled into the unit automatically.



Note

- *When a disc is already inserted, press* **SOURCE/⏻** *to switch to the DISC mode.*

2 **While playing back MP3/WMA/AAC, press 1◄/AF or ►2 to select the desired folder.**

Pressing and holding **1◄/AF** or **►2** will change folders continuously.

3 **Press I◄◄ or ►►I to select the desired track (file).**

Pressing and holding I◄◄ or ►►I will fast backward/fast forward track continuously.

4 **To pause playback, press ►/II/ENT.**

Pressing **►/II/ENT** again will resume playback.

5 **To eject the disc, press ⏏.**

Notes

- *Do not remove a CD during its eject cycle. Do not load more than one disc at a time. A malfunction may result from doing either.*
- *The "" indicator lights up when a disc is inserted.*

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- *Three-inch (8 cm) CDs can not be used.*

CDE-111R/CDE-111RM (compatible with MP3)/CDE-112Ri/ CDE-113BT/CDE-114BTi (compatible with MP3/WMA/AAC):

- WMA format files that are protected by DRM (Digital Rights Management), AAC format files that have been purchased from the iTunes Store and files that are copy-protected (copyright protection) cannot be played back on this unit.
- The track display for MP3/WMA/AAC data playback is the file numbers recorded on the disc.
- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.

Repeat Play

1 **Press 4.**

The song is played back repeatedly.

*1 → *2 → (off) →

*1 *Only a track is repeatedly played back.*
*2 *Only files in a folder are repeatedly played back. (MP3/WMA/AAC mode only)*

2 **To cancel repeat play, select (off) with the above procedure.**

M.I.X. (Random Play)

1 **Press 5.**

The songs are played back in random sequence.

*1 → *2 → *3/*4 → (off) →

*1 *The tracks are played back in random sequence. (CD mode only)*
*2 *Only files in a folder are played back in random sequence. (MP3/WMA/AAC mode only)*
*3 *The files are played back in random sequence. (MP3/WMA/AAC mode only)*
*4 *In the USB mode, all files stored in the USB Memory are played back in random sequence, and the "" indicator lights up.*

2 **To cancel M.I.X. play, select (off) with the above procedure.**

Searching for CD Text

On discs utilizing CD Text, songs can be searched and played by using their recorded titles. For discs without CD Text, searches are made using the track numbers associated with each song.

1 **Press /ESC during play.**

This will set the search mode, and the "" indicator lights up.

2 **Turn the Rotary encoder to select the desired track, and then press ►/II/ENT.**

This will play the selected track.

Notes

- *Press and hold /ESC for at least 2 seconds in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 10 seconds.*
- *When CD Text Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

Folder/File Name Search (concerning MP3/ WMA/AAC)

Folder and file names may be searched and displayed during playback.

Folder Name Search mode

1 **During MP3/WMA/AAC playback, press /ESC to activate the search mode.**

The "" indicator lights up.

2 **Turn the Rotary encoder to select Folder Name Search mode, and then press ►/II/ENT.**

3 **Turn the Rotary encoder to select the desired folder.**

4 **Press and hold ►/II/ENT for at least 2 seconds to play back the first file in the selected folder.**

Notes

- *Press and hold /ESC for at least 2 seconds in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 10 seconds.*
- *To search for files in the Folder Name Search mode, press ►/II/ENT. Files in the folder may be searched.*
- *Press /SOUND to exit Folder Name Search mode in step 3 in order to select File Name Search mode.*
- *The root folder is displayed as "----------".*
- *When Folder Name Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

File Name Search mode

1 **During MP3/WMA/AAC playback, press /ESC to activate the search mode.**

The "" indicator lights up.

2 **Turn the Rotary encoder to select File Name Search mode, and then press ►/II/ENT.**

3 **Select the desired file by turning the Rotary encoder.**

4 **Press ►/II/ENT to play back the selected file.**

Notes

- *Press and hold /ESC for at least 2 seconds in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 10 seconds.*
- *Press /SOUND in the search mode to return to the previous mode.*
- *When File Name Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*
- *Press 1◄/AF or ►2 to select another Folder.*

Quick Search

You can search for tracks (files).

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1 **Press and hold 🔍 /ESC for at least 2 seconds in the CD/ MP3/WMA/AAC mode to activate Quick Search mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select a desired track (file).**

The selected track is played back immediately.

Note

- *Press and hold 🔍 /ESC for at least 2 seconds in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 10 seconds.*

About MP3/WMA/AAC

⚠CAUTION

Except for private use, duplicating audio data (including MP3/ WMA/AAC data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

What is MP3?

MP3, whose official name is "MPEG-1 Audio Layer 3," is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC. MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realises such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

What is WMA?

WMA, or "Windows Media™ Audio," is compressed audio data.
WMA is similar to MP3 audio data and can achieve CD quality sound with small file sizes.

What is AAC?

AAC is the abbreviation for "Advanced Audio Coding," and is a basic format of audio compression used by MPEG2 or MPEG4.

Method for creating MP3/WMA/AAC files

Audio data is compressed using software with MP3/WMA/AAC codecs. For details on creating MP3/WMA/AAC files, refer to the user's manual for that software.
MP3/WMA/AAC files that are playable on this device have the file extensions "mp3" / "wma" / "m4a". Files with no extension cannot be played back (WMA ver. 7.1, 8 and 9 are supported). Protected files are not supported, neither are raw AAC files (using the ".aac" extension). There are many different versions of the AAC format. Confirm that the software being used conforms to the acceptable formats listed above. It's possible that the format may be unplayable even though the extension is valid.
Playback of AAC files encoded by iTunes is supported.

Supported playback sampling rates and bit rates

MP3

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	8 - 320 kbps

WMA

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz
Bit rates:	48 - 192 kbps

AAC

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	16 - 320 kbps

This device may not play back correctly depending on sampling rates.

ID3 tags/WMA tags

This device supports ID3 tag v1 and v2, and WMA tag.
If tag data is in an MP3/WMA/AAC file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data.
This device can only display single-byte alphanumeric characters (up to 30 for ID3 tags and up to 15 for WMA tags) and the underscore. For non-supported characters, "NO SUPPORT" is displayed.
If information contains characters other than ID3 tag information, the audio file may not be played back.
The tag information may not be correctly displayed, depending on the contents.

Producing MP3/WMA/AAC discs

MP3/WMA/AAC files are prepared, then written to a CD-R or CD-RW using CD-R writing software. A disc can hold up to 510 files/folders (including Root Folders), and the maximum number of folders is 255. Playback may not be performed if a disc exceeds the limitations described above.

Media supported

The media that this device can play back are CD-ROMs, CD-Rs, and CD-RWs.

Corresponding File Systems

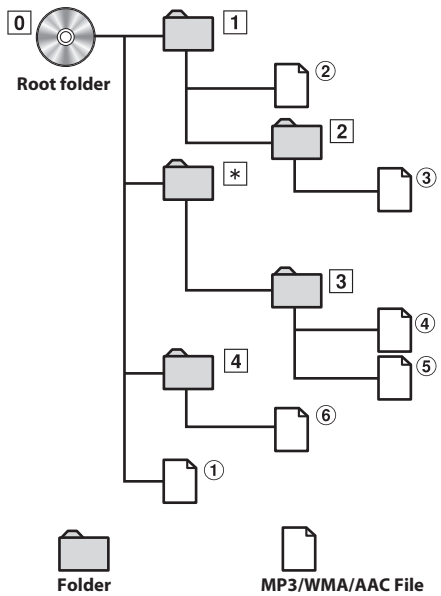
This device supports discs formatted with ISO9660 Level 1 or Level 2.
Under the ISO9660 standard, there are some restrictions to remember.
The maximum nested folder depth is 8 (including the root directory).
The number of characters for a folder/file name is limited.
Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and '_' (underscore).
This device also can play back discs in Joliet, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

Formats supported

This device supports CD-ROW XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session.
This device cannot correctly play back discs recorded with Track At Once or packet writing.

Order of files

Files are played back in the order that the writing software writes them to the disc. Therefore, the playback order may not be what is expected. Verify the writing order in the software's documentation. The playback order of the folders and files is as follows.



* *The folder No./ folder Name will not be displayed if no file is contained in the folder.*

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Terminology

Bit rate

This is the "sound" compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.

Sampling rate

This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.

Encoding

Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.

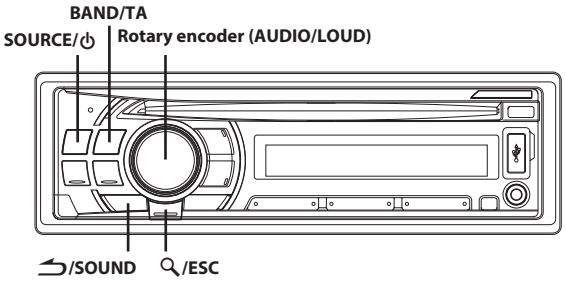
Tag

Song information such as track titles, artist names, album names, etc., written into MP3/WMA/AAC files.

Root folder

The root folder (or root directory) is found at the top of the file system. The root folder contains all folders and files. It is created automatically for all burned discs.

Sound Setting



* *The illustrator is for CDE-114BTi.*

Adjusting Subwoofer Level/Bass Level/ Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/ Defeat

1 **Press Rotary encoder (AUDIO) repeatedly to choose the desired mode.**

Each press changes the mode as follows:

SUBWOOFER* → BASS LEVEL → TRE LEVEL → BALANCE → FADER → DEFEAT → VOLUME → SUBWOOFER

* *When the subwoofer mode is set to OFF, its level cannot be adjusted.*

Subwoofer	+0 ~ +15
Bass level	-7 ~ +7
Treble level	-7 ~ +7
Balance	L15 ~ R15
Fader	R15 ~ F15
Defeat	ON/OFF
Volume	0 ~ 35

Note

- *If no operation is performed for 5 seconds, the unit automatically returns to normal mode.*

2 **Turn the Rotary encoder until the desired sound is obtained in each mode.**

By setting DEFEAT ON, previously adjusted settings of BASS LEVEL and TRE LEVEL will return to the factory defaults.

Setting the Bass/Treble/High Pass Filter

Use steps 1 to 3 to select one of the setting modes to modify. See the applicable section below for details about the selected setting item.

1 **Press ⮌/SOUND to select the desired Sound Setting mode.**

BASS → TREBLE → HPF → BASS

2 **Turn the Rotary encoder or press BAND/TA, SOURCE/⏻ etc., to change the setting.**

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3 **Press and hold 🔍/ESC for at least 2 seconds to return to normal mode.**

Notes

- *If no operation is performed for 15 seconds, the unit will return to normal mode automatically.*
- *The function is inoperable when DEFEAT is set to ON.*

Setting the Bass Control

You can change the Bass Frequency emphasis to create your own tonal preference.

▌**Setting item:** BASS

Setting the Bass Centre Frequency

1 **Press BAND/TA to select the desired bass centre frequency.**

80 Hz → 100 Hz → 200 Hz → 60 Hz → 80 Hz

Emphasises the displayed bass frequency ranges.

Setting the Bass Bandwidth

1 **Press SOURCE/⏻ to select the desired bass bandwidth.**

Changes the boosted bass bandwidth to wide or narrow. A wider setting will boost a wide range of frequencies above and below the centre frequency. A narrower setting will boost only frequencies near the centre frequency.

Setting the Bass Level

1 **Turn the Rotary encoder to select the desired bass level (-7~+7)*.**

You can emphasise or weaken the bass level.

* *The adjustment can also be made by pressing* **Rotary encoder**. *Refer to "Adjusting Subwoofer Level/Bass Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat" on page 13.*

Note

- *The bass level settings will be individually memorized for each source (FM, MW (LW), CD, etc.) until the setting is changed. The bass frequency and bass bandwidth settings adjusted for one source are effective for all other sources (FM, MW (LW), CD, etc.).*

Setting the Treble Control

You can change the Treble Frequency emphasis to create your own tonal preference.

▌**Setting item:** TREBLE

Setting the Treble Centre Frequency

1 **Press BAND/TA to select the desired treble centre frequency.**

10.0 kHz → 12.5 kHz → 15.0 kHz → 17.5 kHz → 10.0 kHz

Emphasises the displayed treble frequency ranges.

Setting the Treble Level

1 **Turn the Rotary encoder to select the desired treble level (-7~+7)*.**

You can emphasise the treble level.

* *The adjustment can also be made by pressing* **Rotary encoder**. *Refer to "Adjusting Subwoofer Level/Bass Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat" on page 13.*

Note

- *The treble level settings will be individually memorized for each source (FM, MW (LW), CD, etc.) until the setting is changed. The Treble frequency settings adjusted for one source are effective for all other sources (FM, MW (LW), CD, etc.).*

Adjusting the High Pass Filter

The High Pass Filter on this unit can be adjusted to suit your personal taste.

▌**Setting item:** HPF

1 **Turn the Rotary encoder to select the desired HPF frequency.**

OFF ↔ 60 Hz ↔ 80 Hz ↔ 100 Hz

All frequencies above the selected cutoff are output.

Turning Loudness On/Off

Loudness introduces a special low-and high-frequency emphasis at low listening levels. This compensates for the ear's decreased sensitivity to bass and treble sound.

1 **Press and hold Rotary encoder (LOUD) for at least 2 seconds to activate or deactivate the loudness mode.**

Note

- *The function is inoperable when DEFEAT is set to ON.*

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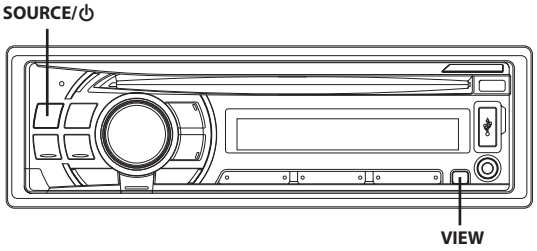
Other Functions



* *The illustrator is for CDE-114BTi.*

Displaying the Text

Text information, such as the disc name and the track name, will be displayed if playing a CD text compatible disc. It is also possible to display the folder name, the file name and the tag, etc., while playing MP3/WMA/AAC files.

1 **Press VIEW.**

The display will change every time the button is pressed.

Note

- *When the TEXT SCR is set to SCR MANU, press and hold* **VIEW** *for at least 2 seconds, the current text will be scrolled one time (except Radio mode).*

The display in Radio mode:

If there is PS (Programme Service Name)

PS (Programme Service Name)*1 → RADIO TEXT → PS (Programme Service Name)

If there is no PS (Programme Service Name)

FREQUENCY → RADIO TEXT → FREQUENCY

The display in CD mode:

TRACK NO./ELAPSED TIME → TEXT (DISC NAME)*2 → TEXT (TRACK NAME)*2 → TRACK NO./ELAPSED TIME

The display in MP3/WMA/AAC mode:

FILE NO./ELAPSED TIME → FOLDER NO./FILE NO. → FOLDER NAME → FILE NAME → ARTIST NAME*3 → ALBUM NAME*3 → SONG NAME*3 → FILE NO./ELAPSED TIME

The display in BT AUDIO mode (CDE-111R/CDE-111RM/ CDE-112Ri only):

The Following display will be shown only when a telephone or BLUETOOTH Streaming device with Metadata capabilities is correctly connected with a BLUETOOTH INTERFACE (Alpine KCE-400BT) (sold separately). (For details on BLUETOOTH INTERFACE, refer to the Owner's Manual of KCE-400BT).

BT A/ELAPSED TIME → ARTIST NAME*3 → ALBUM NAME*3 → SONG NAME*3 → BT A/ELAPSED TIME

1* *If* **VIEW *is pressed and held for at least 2 seconds in the PS display mode, frequency will be displayed for 5 seconds.*

**2* *Displayed during playback of a disc with CD text.*

**3* *ID3 tag/WMA tag*
If an MP3/WMA/AAC file contains ID3 tag/WMA tag information, the ID3 tag/WMA tag information is displayed (e.g., song name, artist name, and album name). All other tag data is ignored.

About the indication display

When displaying Text, the following indicators are lit according to the mode.

Indicator/ Mode	CD Mode	MP3/WMA/ AAC/USB AUDIO Mode	iPhone/iPod/BT AUDIO*4 Mode
	—	Folder Name*2 being displayed	—
	—	Artist Name*1 being displayed	Artist Name*1 being displayed
	Text (Disc Name*3) being displayed	Album Name*1 being displayed	Album Name*1 being displayed
	Text (Track Name*3) being displayed	Song Name*1 / File Name being displayed	Song Name*1 being displayed

**1* *Tag information:*
If there is no tag information, "ARTIST"/"ALBUM"/"SONG" is displayed.

**2* *The root folder of disc is displayed as "FOLDER". The root folder of USB Memory is displayed as "ROOT".*

**3* *If there is no Text (Disc Name or Track Name), "DISC TEXT"/ "TRACK TEXT" is displayed.*

**4* *CDE-111R/CDE-111RM/CDE-112Ri only.*

About "Text"

Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text".

Notes

- *Some characters may not be displayed correctly with this device, depending on the character type.*
- *"NO SUPPORT" is displayed when the desired text information cannot be displayed on this unit.*
- *The text or tag information may not be correctly displayed, depending on the contents.*

Using the Front AUX Input Terminal (CDE-112Ri/CDE-113BT/CDE-114BTi only)

Connect a portable music player, etc. by simply connecting it to the input on the front panel. An optional adapter cable is required (standard RCA to 3.5ø mini-phono plug or 3.5ø to 3.5ø mini phono plug).

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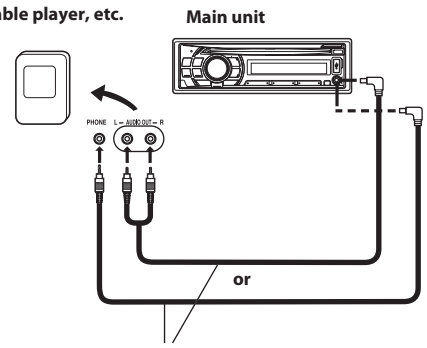
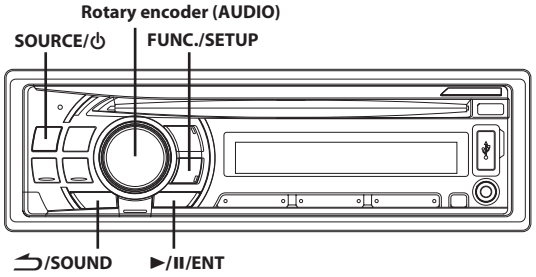
1 **Press SOURCE/⏻, and select the AUX mode to listen to the portable device.**


Portable player, etc.
Main unit
PHONE
L — AUDIO OUT — R
or
Optional adapter cable (RCA pin plugs [red, white] 3.5ø miniplugs) or (3.5ø miniplugs).

Note

- *If a USB Memory is directly connected to the USB terminal, the size or shape may interfere with driving operations, therefore, avoid connecting an AUX input terminal and a USB Memory at the same time.*

SETUP



* *The illustrator is for CDE-114BTi.*

Setting

You can flexibly customize the unit to suit your own preferences and usage. From the SETUP menu, Sound Customizing, Visual Customizing, etc., can be modified.

Use steps 1 to 4 to select one of the SETUP modes to modify. See the applicable section below for details about the selected SETUP item.

1 **Press and hold FUNC./SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the desired SETUP menu, and then press ►/II/ENT.**

(e.g. Select SUBWOOFER)

BT IN[*1] ↔ PLAY MODE ↔ INT MUTE[*2] ↔ AUX+ SETUP ↔ AUX+ NAME[*3] ↔ AUX NAME[*4] ↔ POWER IC ↔ DEMO ↔ SUBWOOFER ↔ SUBW SYS[*5] ↔ ILLUMINATI[*6] ↔ SCROLLTYPE ↔ TEXT SCR ↔ FM-LEVEL ↔ REGIONAL[*7] ↔ PI SEEK[*8] ↔ LANGUAGE ↔ BT IN

*1 *Displayed only when INT MUTE is set to OFF, and the mode is set to other than BT AUDIO.*
*2 *Displayed only when BT IN is OFF.*
*3 *Displayed only when AUX+ SETUP is ON.*
*4 *CDE-112Ri/CDE-113BT/CDE-114BTi only.*
*5 *Displayed only when SUBWOOFER is ON.*
*6 *CDE-112Ri/CDE-113BT only.*
*7 *Refer to "Receiving RDS Regional (Local) Stations" on page 9.*
*8 *Refer to "PI SEEK Setting" on page 9.*

3 **Turn the Rotary encoder to change the setting.**

(e.g. Select SUBW ON or SUBW OFF.)

4 **Press and hold FUNC./SETUP for at least 2 seconds to return to normal mode.**

Notes

- *Press* ⮌**/SOUND** *to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

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BLUETOOTH Setting

Setting the BLUETOOTH Connection (BT IN)

W th BLUETOOTH technology, you can place a hands-free call by a BLUETOOTH-equipped mobile phone.

Setting item: BT IN

Setting contents:
BT ADAPTER[*1] / BT OFF[*1]

BT ADAPTER:

CDE-111R/CDE-111RM/CDE-112Ri[*2–*3]:
If an optional BLUETOOTH INTERFACE (KCE-400BT) is connected, make this setting when the BLUETOOTH function is used. For details, refer to the Owner's Manual of the optional BLUETOOTH INTERFACE (KCE-400BT). Set ADAPTER when the BLUETOOTH INTERFACE (KCE-400BT) is connected.

CDE-113BT/CDE-114BTi:
Set ADAPTER when the BLUETOOTH function is used. For details on the set up procedure, refer to "BLUETOOTH SETUP" on page 20.

**1 For CDE-111R/CDE-111RM/CDE-112Ri, the initial setting is BT ADAPTER. For CDE-113BT/CDE-114BTi, the initial setting is BT OFF.*

**2 The button can be used only when the optional BLUETOOTH INTERFACE (KCE-400BT) is connected.*

**3 If the mobile phone compatible with the Voice Dial function is connected, the Voice Dial function can be used.*

BT OFF:

CDE-111R/CDE-111RM/CDE-112Ri:
Set OFF when the BLUETOOTH INTERFACE (KCE-400BT) is not connected.

CDE-113BT/CDE-114BTi:
Set OFF when the BLUETOOTH function is not used.

Sound Customizing

Adjusting Source Signal Levels

If the difference in volume level between the CD player and FM radio is too great, adjust the FM signal level.

Setting item: FM-LEVEL

Setting contents:
FM-LV HI (Initial setting) / FM-LV LOW

Subwoofer On and Off

When the subwoofer is on, perform the steps below to adjust the subwoofer output level.

1 **In the normal mode, press Rotary encoder (AUDIO) repeatedly to select the SUBWOOFER mode.**

2 **Adjust the level by turning the Rotary encoder.**

Setting item: SUBWOOFER

Setting contents:
SUBW ON (Initial setting) / SUBW OFF

SUBW ON:
Set ON when the subwoofer is on.

SUBW OFF:
Set OFF when the subwoofer is off.

Setting the Subwoofer System

Select either SYS 1 or SYS 2 for the desired subwoofer effect.

Setting item: SUBW SYS

Setting contents:
SUBW SYS 1 (Initial setting) / SUBW SYS 2

SUBW SYS 1:
Subwoofer level changes according to the main volume setting.

SUBW SYS 2:
Subwoofer level change is different from the main volume setting. For example, even at low volume settings, the subwoofer is still audible.

Visual Customizing

Changing Lighting Colour (CDE-112Ri/ CDE-113BT only)

You can change the lighting colour of the following four buttons.
SOURCE/⏻, **BAND/TA**, **I◄◄** , **►►I**.

Setting item: ILLUMINATI

Setting contents:
ILUM TYPE1 (Initial setting) / TYPE2 /TYPE3 / TYPE4

TYPE1 :
When the colour of the four buttons is blue, the colour of the other is red.

TYPE2 :
When the colour of the four buttons is green, the colour of the other is green.

TYPE3 :
When the colour of the four buttons is amber, the colour of the other is red.

TYPE4 :
When the colour of the four buttons is red, the colour of the other is red.

Scroll Type Setting

Choose from two scrolling methods.
Select the type you prefer.

Setting item: SCROLLTYPE

Setting contents:
SCR TYPE1 / SCR TYPE2 (Initial setting)

SCR TYPE1:
The characters scroll from right to left, a single character at a time.

SCR TYPE2:
Words are built up from left to right, a single character at a time. When the display is filled, it is cleared and the remaining words are displayed the same way until all words of the title have been shown.

Scroll Setting (TEXT SCR)

This CD player can scroll the disc and track names recorded on CD-TEXT discs, as well as the text information of MP3/WMA/AAC files, folder names and tags.

Setting item: TEXT SCR

Setting contents:
SCR AUTO / SCR MANU (Initial setting)

SCR AUTO:
The CD text information, the text information of folder and file names, and the tags are scrolled automatically.

SCR MANU:
The display is scrolled when a disc is loaded or when a track is changed, etc.

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Note

- *The unit scrolls CD text names, folder names, file names or tag display.*

Demonstration

This unit has a demonstration feature for the display.

Setting item: DEMO

Setting contents:
DEMO ON / DEMO OFF (Initial setting)

Note

- *To quit Demo mode, set to DEMO OFF.*

Setting the Language (LANGUAGE)

Set the language to be displayed on the unit.

Setting item: LANGUAGE

Setting contents:
LANGUAGE 1 (Initial setting) / LANGUAGE 2

LANGUAGE 1 :
English, Latin character

LANGUAGE 2 :
Russian, English

Note

- *Refer to the table below for the Russian display on this unit.*

Таблица символов для русского языка

D: Дисплей
C: Символ

D	C	D	C	D	C	D	C
А	А	Б	Б	В	В	Г	Г
Д	Д	Е	Е, Ё	Ж	Ж	З	З
И	И, Й	К	К	Л	Л	М	М
Н	Н	О	О	П	П	Р	Р
С	С	Т	Т	У	У	Ф	Ф
Х	Х	Ц	Ц	Ч	Ч	Ш	Ш, Щ
'	Ъ	Ы	Ы	Ь	Ь	Э	Э
Ю	Ю	Я	Я				

MP3/WMA/AAC

Playing MP3 Data (PLAY MODE)

This unit can play back CDs containing both CD and MP3/WMA/AAC data (created in Enhanced CD (CD Extra) format). However, in some situations, playback of an enhanced CD may be difficult. In this case, you can select playback of a single session only, containing the CD data.

When a disc contains both CD and MP3/WMA/AAC data, playback starts from the CD data portion of the disc.

Setting item: PLAY MODE

Setting contents:
CD-DA (Initial setting) / CDDA/MP3

CD-DA:
Only the CD data in Session 1 can be played back.

CDDA/MP3:
CD data, MP3/WMA/AAC files in mixed mode, and multi-session discs can be played back.

Note

- *Perform this setting before inserting a disc. If a disc has already been inserted, remove it first.*

External Device

Turning Mute Mode On/Off (INT MUTE)

If a device having the interrupt feature is connected, audio will be automatically muted whenever the interrupt signal is received from the device.

Setting item: INT MUTE

Setting contents:
MUTE ON / MUTE OFF (Initial setting)

Connecting to an External Amplifier (POWER IC)

When an external amplifier is connected, sound quality can be improved by stopping the power supply of the built-in amplifier.

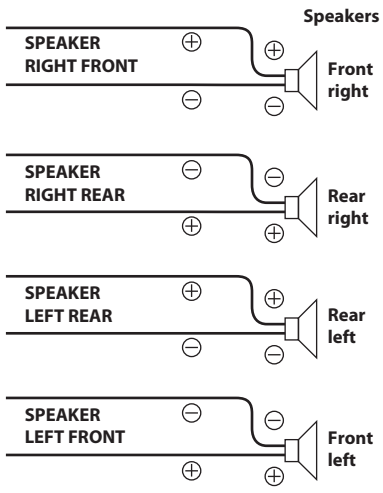
Setting item: POWER IC

Setting contents:
POW ON (Initial setting) / POW OFF

POW ON :
The speakers are driven by the built-in amplifier.

POW OFF :
Use this mode when the line output of this unit is used to drive an external amplifier. In this setting, the head unit's internal amplifier is turned OFF and cannot drive speakers.

POW ON :



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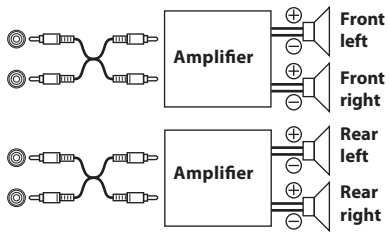
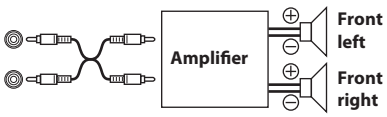
POW OFF :
(CDE-112Ri/CDE-113BT/CDE-114BTi:)



(CDE-111R/CDE-111RM:)



Note

- *No sound is produced by the system when the power output is set to OFF.*

Setting the AUX+ SETUP Mode

An external device (such as a portable music player) can be connected to the Full Speed connector of this un t. A conversion cable (KCE-237B) for build up the AUX IN (optional) is required.
A portable music device and an iPhone/iPod cannot be connected to the Full Speed connector at the same time.

Setting item: AUX+ SETUP

Setting contents:
AUX+ ON / AUX+ OFF (Initial setting)

AUX+ ON :*
Set to ON when a portable device is connected. If **SOURCE / ⏻** is pressed and AUX+ is selected, the sound of the portable device is input to the unit.

* *You can change the AUX+ name display when AUX+ is set to ON.*
Press **►/II / ENT** *when AUX+ is set to ON, and select AUX+ NAME by turning the* **Rotary encoder**, *then press* **►/II / ENT**. *After that, turn the* **Rotary encoder** *to select the desired AUX+ name.*

AUX+ OFF:
Set to OFF when an iPhone/iPod is connected.

Setting the AUX NAME mode (CDE-112Ri/ CDE-113BT/CDE-114BTi only)

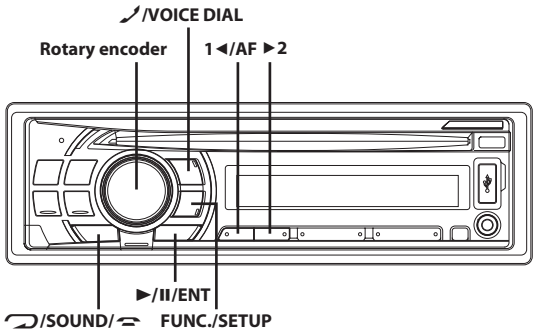
You can change the AUX NAME display in the SETUP mode.

Setting item: AUX NAME

Setting contents:
AUXILIARY*1 (Initial setting) / TV / DVD / PORTABLE*2 / GAME

*1 *After the setting is completed, AUX is displayed on the unit.*
*2 *After the setting is completed, PMD is displayed on the unit.*

BLUETOOTH (CDE-113BT/ CDE-114BTi only)



* *The illustrator is for CDE-114BTi.*

Setup Before Using

About BLUETOOTH

BLUETOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between BLUETOOTH compatible devices.

Notes

- *Depending on the BLUETOOTH version, a BLUETOOTH compatible device may not be able to communicate with this unit.*
- *Proper function of this unit with all BLUETOOTH compatible devices is not guaranteed. For handling of the BT compatible device, consult your ALPINE dealer or ALPINE website.*
- *Depending on the surroundings, BLUETOOTH wireless connection may be unstable.*
- *When you place a call, or perform setup operations, be sure to stop your car in a safe place.*
- *Depending on the connected BLUETOOTH compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).*
- *When you search this unit using the BLUETOOTH compatible phone, the unit name is displayed as representative model name.*

Before Using Hands-Free Function

Before using the hands-free phone/audio function, the following settings need to be made.

1 **Be sure to set "INT MUTE" to OFF. Refer to "SETUP" on page 16.**

Note

- *Before making a call on the mobile phone, make sure that INT MUTE is set to OFF. (Initial setting on the unit is OFF).*

2 **Set "BT IN" to BT ADAPTER. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 17.**

Note

- *Before using a hands-free phone, it must be paired with this unit. Refer to "BLUETOOTH SETUP" on page 20.*

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How to connect to a BLUETOOTH compatible device (Pairing)

For details on the control from a BLUETOOTH compatible device, refer to the Owner's Manual of the BLUETOOTH compatible device.

1 **Set a BLUETOOTH connection from a BLUETOOTH compatible device.**

2 **The PIN code ("0000") is displayed on the connected unit.**

Note

- *The PIN code is fixed as "0000".*

3 **Input the PIN code ("0000") in a BLUETOOTH compatible device.**

4 **If this unit is successfully connected to a BLUETOOTH compatible device, "CONNECTED" is displayed, and then the unit returns to normal mode.**

Notes

- *The registration number 5 is deleted when you set ignition from ACC to OFF. If all the 5 positions have been registered, you cannot register the 6th device. To register another device, you need to delete one of the device from position1 to 5 first.*
- *If a BLUETOOTH compatible device is successfully connected, the next time when the ignition key of the car is turned to on, the unit will automatically connect to the previously connected device. However, the connection may fail. If the auto connection fails, try the connection manually.*
- *Set "VISIBLE M" to VISI M ON to enable this unit to recognise a mobile phone, refer to "Setting the Search Mode" on page 20. For mobile phone passkey (passcode) input operation, refer to the mobile's Owner's Manual.*

BLUETOOTH SETUP

BLUETOOTH Setup Operation

The following steps 1 to 4 are common to the various BLUETOOTH functions. For details, refer to each individual function.

Notes

- *While calling, BLUETOOTH Setup operation cannot be performed.*
- *Set "BT IN" to BT ADAPTER, and then perform BLUETOOTH SETUP operation.*

1 **Press and hold FUNC./SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the desired items and then press ►/II/ENT.**

BT IN ↔ PAIRED DEV* ↔ VISIBLE M* ↔ AUTO ANS* ↔ CLEAR DEV* ↔ SEV NAME* ↔ MIC INPUT* ↔ SPEAKER SL* ↔ FW VERSION* ↔ FW UPDATE*

* *When "BT IN" is set to BT ADAPTER, the above items are displayed.*

3 **Turn the Rotary encoder to change the settings.**

4 **Press and hold FUNC./SETUP for at least 2 seconds.**

The SETUP mode is cancelled.

Setting the BLUETOOTH Device

Select one of 5 connected BLUETOOTH compatible devices that you previously registered.

Setting item: PAIRED DEV

1 **Turn the Rotary encoder to select a BLUETOOTH compatible device you want to use (you want to change connection) and then press ►/II/ENT.**

Notes

- *If the connection is successfully changed, "CONNECTED" is displayed for 2 seconds and the indicator lights up, then the display returns to the SETUP screen.*
- *If you input the wrong passcode or communications fail, "FAILED" is displayed.*
- *If you want to connect another BLUETOOTH compatible device, after disconnecting the current BLUETOOTH compatible device, connect the BLUETOOTH compatible device you want to change to.*
  The PIN code is fixed as "0000".

Setting the Search Mode

You can set whether this unit can be recognised or not from a BLUETOOTH compatible device. Normally set this to VISI M ON.

Setting item: VISIBLE M

Setting contents:

VISI M ON / VISI M OFF

VISI M ON:
Enable recognition of this unit from the BLUETOOTH compatible device.

VISI M OFF:
Disable recognition of this unit from the BLUETOOTH compatible device.

Note

- *Depending on the mobile phone, it may be necessary to input a passcode. For inputting the mobile phone's passcode, refer to the mobile phone's Owner's Manual.*

Setting the Received Calls automatically (Auto Answer)

When a call is received, you can set whether to receive it automatically or not.

Setting item: AUTO ANS

Setting contents:

AT ANS ON / AT ANS OFF

AT ANS ON:
When a call is received, it is answered automatically after about 5 seconds.

AT ANS OFF:
When a call is received, it is not answered automatically. Press to receive the call.

Note

- *If the received call setting on the mobile phone is on, the call will be answered automatically even though this setting is set to OFF.*

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Deleting a BLUETOOTH Device from the list

You can delete the history of a previously connected BLUETOOTH compatible device.

Setting item: CLEAR DEV

1 **Turn the Rotary encoder to select the BLUETOOTH compatible device to be deleted and then press ►/II/ENT.**

2 **Turn the Rotary encoder to select CLEAR YES if you want to delete and then press ►/II/ENT.**

Notes

- *Selecting CLEAR NO will cancel the setting.*
- *The registration number 5 is deleted once the ignition key goes from ACC to off.*

Displaying the phone service provider name

The service provider name of the connected BLUETOOTH compatible device will be displayed. If a BLUETOOTH compatible device is not connected, "ID UNSENT" will be displayed.

Setting item: SEV NAME

Note

- *Depending on the character type some phone service provider name cannot be displayed. "ID UNSENT" will be displayed.*

Adjusting the volume for the microphone input

You can emphasise or weaken the microphone input volume level.

Setting item: MIC INPUT

Turn the **Rotary encoder** to select the desired volume level (0~7).

Note

- *The setting cannot be adjusted during a phone call. Adjust the setting before placing a call.*

Selecting the output speaker

You can select the connected speaker in car to output the sound signal of telephone.

Setting item: SPEAKER SL

Setting contents:

ALL / F-L / F-R / F-LR

ALL:
The sound be output from all of speakers in car.

F-L:
The sound only be output from the front left speaker.

F-R:
The sound only be output from the front right speaker.

F-LR:
The sound be output from the front left and front right speaker.

Note

- *The setting cannot be adjusted during a phone call. Adjust the setting before placing a call.*

Displaying the firmware version

The current firmware version will be displayed.

Setting item: FW VERSION

Updating the firmware

Future BLUETOOTH firmware update (for phone compatibility) at customer end will be available for this unit.
For information to update your BLUETOOTH firmware, please visit your local Alpine web site or choose your country from Alpine Europe top page (http://www.alpine-europe.com).

Setting item: FW UPDATE

Hands-Free Phone Control

About the Hands-Free Phone

Hands-free calls are possible when using a HSP (Head Set Profile) and HFP (Hands-Free Profile) compatible mobile phone with this unit.

Notes

- *Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.*
- *Close the windows while calling to reduce background noise.*
- *If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty hearing the other person's voice is normal.*
- *Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.*
- *When using a microphone, speak as directly as you can into the microphone to pick up the best sound quality.*
- *Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality.*
  Always contact your service provider about feature availability and functionality.
  All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.
  Alpine reserves the right to change or modify any information or specifications without notice or obligation.

Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE).

1 **Press ✆.**
The call starts.

Notes

- *When "AUTO ANS" is set to AT ANS ON, you can receive a call automatically. Refer to "Setting the Received Calls automatically (Auto Answer)" on page 20.*
- *While calling, the source sound on the unit is muted. After calling, playback will resume.*

Hanging up the Telephone

1 **Press and hold ↩ for at least 2 seconds.**
The call finishes.

Note

- *While receiving you can also hang up by pressing ✆.*

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Redial Function

You can redial the person you have previously called.

1 **After finishing a call "----------" will be displayed, press ✆ within 5 seconds.**

The telephone is redialed.

Note

- *If you receive a call from an unknown number, you cannot use the redial function to call back.*

Calling

Call History is recorded for the last dialed/received/missed calls. There are various ways of making calls based on the "Calling". The following steps 1 to 5 are common to the various ways of making these calls. For details, refer to each individual category for making calls.

1 **Press ✆.**

The outgoing method list is displayed.

2 **Turn the Rotary encoder to select the outgoing mode.**

▌**Setting item:** Outgoing Mode

Setting contents:

DIALED / RECEIVED / MISSED / PHONE BOOK

DIALED:
Dialed history

RECEIVED:
Received history

MISSED:
Missed incoming history

PHONE BOOK:
Mobile phonebook

3 **Press ►/II /ENT.**

The outgoing mode is activated, and each mode list is displayed.

Note

- *It may take some time for the list to be displayed, and also directly after connection, the list may not be brought up to date.*

4 **Turn the Rotary encoder to select a name or a telephone number from the list.**

Note

- *The names of PHONE BOOK are listed alphabetically with the same beginning alphabetical character, and can be skipped to the next alphabetical character by pressing* **1◄/AF** *or* **►2**.
  e.g. press **►2** *to the section beginning with alphabet B from A.*

5 **Press ►/II /ENT.**

The selected telephone will be called.
If one name has several numbers registered in the telephone book, press **►/II /ENT** after selecting the name*, then turn the **Rotary encoder** to choose the desired number and press **►/II /ENT**, the telephone will be called. Press and hold **►/II /ENT** for at least 2 seconds after selecting the name, the default number of the name will be called. Depending on the connected mobile phone, this function may not be performed.

* *If the name cannot be recognized, default number will be displayed.*

Notes

- *The names registered in the telephone book are displayed. If the name is not registered, a number is displayed. If both name and number cannot be displayed, "ID UNSENT" will be displayed.*
- *If you place a call directly from the paired mobile phone, the phone number is not displayed, you cannot redial from the unit in this case.*

Redialing a Number In Outgoing History

Previously dialed telephone numbers are stored in dialed calls history. You can redial a number by searching from dialed calls history.

▌**Setting item:** DIALED

Dialing a Number In Incoming History

Telephone numbers from received calls are stored in the Received List. You can redial these numbers by searching here.

▌**Setting item:** RECEIVED

Dialing a Number In Incoming Missed Call History

Telephone numbers for received calls that are missed, are stored in the Missed List. You can redial these numbers by searching here.

▌**Setting item:** MISSED

Dialing a Number In The Phone Book

Up to 1,000 telephone numbers are downloadable from a mobile phone. Dial a call by selecting a person from the phone book list.

▌**Setting item:** PHONE BOOK

Notes

- *If a name cannot be obtained via the phonebook, "----------" is displayed.*
- *The order of the list display depends on the design of the mobile phone.*
- *If the call history or phonebook of the mobile phone is added or deleted while it is connected to the unit, the list displayed on the unit may not be brought up to date. If it is not updated, you cannot correctly place a call.*

Voice Dial Operation

You can call the telephone by performing voice operation.

1 **Press and hold ✆ /VOICE DIAL for at least 2 seconds.**

The speak mode is activated, and "SPEAK" is displayed.

2 **Say the telephone number, name you want to call into the microphone.**

Notes

- *You can perform this operation only when a voice dial compatible mobile phone is connected. If the mobile phone is not compatible with the voice dial, "NO SUPPORT" is displayed for 2 seconds.*
- *The Voice Dial function performance depends on the recognition range of the mobile phone and mounting location of the microphone. Please pay attention when the microphone is mounted.*
- *Voice dial operation depends on the function of the mobile phone. For details, refer to the Owner's Manual of the mobile phone.*
- *If a called person that you say is not found, "NO CALL" is displayed for 2 seconds.*
- *If you place a call via voice dial, you cannot display a phone number or name.*

Adjusting the volume when receiving a Call

While calling, you can adjust the volume.

1 **Turn the Rotary encoder to adjust the volume.**

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Note

- *You may need to increase volume from your regular audio listening source level. However, increasing the volume excessively may result in feedback. If feedback is noticed as feedback is directly related to the volume, turn down the volume as low as acceptable to eliminate it. Positioning the microphone in a direction away from the main car speakers (e.g. clipped on sun visor) may also reduce feedback at high volume.*

Call Switching Operation

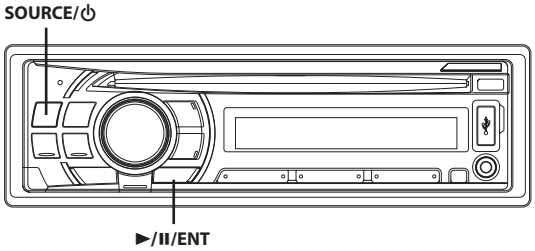
While making a call, this function allows you to initiate the transfer of the audio between the mobile phone and the speakers in the car.

1 **While calling, press and hold ►/II / ENT for at least 2 seconds to switch the call sound between the unit and mobile phone.**

Note

- *Depending on the mobile phone, this operation may not be performed.*

USB Memory (optional)



* *The illustrator is for CDE-114BTi.*

Playing MP3/WMA/AAC Files with the USB Memory (optional)

If you connect a USB Memory containing MP3/WMA/AAC, you can play these files on this unit.
The following table shows which files in the USB Memory can be played.

	MP3	WMA	AAC
CDE-111R	○		
CDE-111RM	○		
CDE-112Ri	○	○	○
CDE-113BT	○	○	○
CDE-114BTi	○	○	○

1 **Press SOURCE/ ⏻ to switch to the USB AUDIO mode.**

2 **To pause playback, press ►/II / ENT.**

Pressing **►/II / ENT** again will resume the playback.

Notes

- *The root folder is displayed as "ROOT" in the Folder Name Search mode.*
- *When a search is made in the USB mode, any song being played back will be stopped.*
- *This unit plays back files in the USB Memory with the same controls and modes as playback of CDs containing MP3/WMA/AAC. For details, refer to "CD/MP3/WMA/AAC" on page 10.*
- *Before disconnecting USB Memory, be sure to change to another source or set to pause.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*

USB Memory Connection (optional)

Connect USB Memory

1 **Open the cover of the USB Connection Terminal.**

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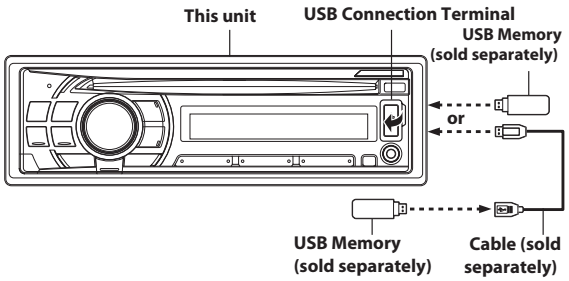
2 **Connection the USB Memory directly to the USB Connection Terminal, or via the USB cable.**



Remove USB Memory

1 **Carefully, pull out the USB Memory from the USB cable or the USB Connection Terminal.**

2 **Close the cover of the USB Connection Terminal.**

Notes

- *Change to a source other than the USB Memory mode, then remove the USB Memory. If the USB Memory is removed in the USB Memory mode, data may be damaged.*
- *When removing USB Memory, pull it out straight.*
- *If sound is not output or USB Memory is not recognized even when USB Memory is connected, remove USB Memory once, and then connection it again.*
- *Route the USB cable away from another cables, etc.*
- *After removing the USB Memory, close the cover of the USB Connection Terminal to prevent dust or foreign objects from entering and causing a malfunction.*

About MP3/WMA/AAC File of USB Memory

Playing back MP3/WMA/AAC

MP3/WMA/AAC files are prepared, then stored to a USB Memory. This unit can recognise at least 100 folders and 100 files per folder stored in USB Memory. Playback may not be performed if a USB Memory exceeds the limitations described above.
Do not make a file's playback time more than 1 hour.

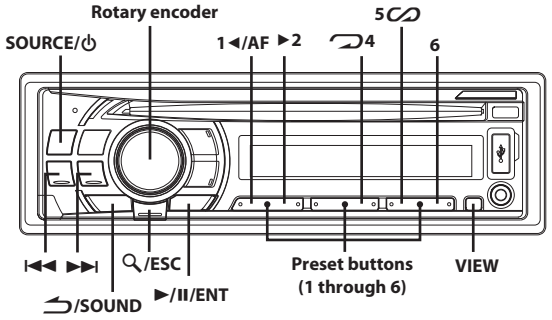
Media supported

This device can play back USB Memory.

Corresponding File Systems

This device supports FAT 12/16/32 for USB Memory device.

iPhone/iPod (optional)



* *The illustrator is for CDE-114BTi.*

Connecting an iPhone/iPod

An iPhone/iPod can be connected to this unit by using the proprietary ALPINE FULL SPEED Connection Cable (KCE-433iV) (sold separately for CDE-111R/CDE-111RM/CDE-113BT). When this unit is connected by using the cable, the controls on the iPod are not functional.

Notes

- *Set AUX+ SETUP to OFF when an iPhone/iPod is connected (refer to "Setting the AUX+ SETUP Mode" on page 19).*
- *If the BLUETOOTH INTERFACE (KCE-400BT) and an iPhone/iPod are connected at the same time, be sure to disconnect the iPhone/iPod from BLUETOOTH INTERFACE (KCE-400BT) while turning ACC to OFF. (CDE-111R/CDE-111RM/CDE-112Ri only).*
- *If you connect an iPhone to this unit, it can be used as an iPod. If you use iPhone as a hands-free phone, use the unit (CDE-113BT/CDE-114BTi only) in which the BLUETOOTH function is built, or use the BLUETOOTH INTERFACE (KCE-400BT) (sold separately) (CDE-111R/CDE-111RM/CDE-112Ri only).*
- *Internet and telephone functions of iPod touch or iPhone, etc., can also be used when connecting to the unit. However, using these functions will stop or pause the playing songs, at this time do not operate the unit to avoid a malfunction.*
- *Do not leave an iPhone/iPod in a car, as its mechanism is sensitive to high temperature and humidity conditions, and damage may result.*

iPhone/iPod models usable with this unit

- Confirmed devices regarding Made for iPod. Correct function of earlier versions cannot be guaranteed.
  iPod touch (2nd generation): Ver.2.2
  iPod nano (4th generation): Ver.1.0.3
  iPod classic (120 GB): Ver.2.0.1
  iPod touch (1st generation): Ver.2.2
  iPod nano (3rd generation): Ver.2.0
  iPod classic (80 GB, 160 GB): Ver.1.1.2
  iPod nano (2nd generation): Ver.1.1.3
  iPod with video: Ver.1.3
  iPod nano (1st generation): Ver.1.3.1
- Confirmed devices regarding Works with iPhone. Correct function of earlier versions cannot be guaranteed.
  iPhone 3G: Ver.2.2
  iPhone: Ver.2.2
- For clarity in identifying your model of iPod, please see Apple's own document "Identifying iPod models" at http://support.apple.com/kb/HT1353
- This unit does not support video playback from iPhone/iPod, even using a video-compatible cable.

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Playback

1 **Press SOURCE/ ⏻ to switch to the iPod mode.**

2 **Press ⏮ or ⏭ to select the desired song.**

Pressing and holding ⏮ or ⏭ will fast backward/fast forward the current track.

3 **To pause playback, press ►/II/ENT.**

Pressing **►/II/ENT** again will resume playback.

Notes

- *A song playing on the iPhone/iPod while it is connected to this unit will continue to play from where it was paused after disconnection.*
- *If you listen to an episode from a selected Podcast or Audiobook, the episode can be changed by pressing* **1◄/AF** *or* **►2**.
- *An episode may have several chapters. The chapter can be changed by pressing ⏮ or ⏭.*

Searching for a desired Song

An iPhone/iPod can contain hundreds of songs. By using file tag information and keeping these songs organised in playlists, this unit's search functions will ease song searches.
Each music category has its own individual hierarchy. Use the Playlist/Artist/Album/Song/Podcast/Genre/Composer/Audiobook search mode to narrow searches based on the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlist	Song	—	—
Artist*	Album*	Song	—
Album*	Song	—	—
Song	—	—	—
Podcast	Episode	—	—
Genre*	Artist*	Album*	Song
Composer*	Album*	Song	—
Audiobook	—	—	—

For example:

Searching by Artist name

The following example explains how an ARTIST search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

1 **Press 🔍/ESC to activate the search selection mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select the ARTIST search mode, and then press ►/II/ENT.**

PLAYLIST ↔ ARTIST ↔ ALBUM ↔ SONG ↔ PODCAST ↔ GENRE ↔ COMPOSER ↔ AUDIOBOOK ↔ PLAYLIST

3 **Turn the Rotary encoder to select the desired Artist, and then press ►/II/ENT.**

4 **Turn the Rotary encoder to select the desired Album, and then press ►/II/ENT.**

5 **Turn the Rotary encoder to select the desired Song, and then press ►/II/ENT.**

Notes

- *After pressing and holding* **►/II/ENT** *for at least 2 seconds while in each hierarchy (except SONG and AUDIOBOOK hierarchy), all songs of the selected hierarchy are played back.*
- *After selecting [ALL] in the search mode with"*", press and hold* **►/II/ENT** *for at least 2 seconds to play back all songs in the iPhone/iPod or selected search mode.*
- *While in the search mode, if you press and hold* **🔍/ESC** *for 2 seconds, or no operation is performed for 10 seconds, the search mode is cancelled.*
- *In the search mode, pressing* **⮌/SOUND** *will return to the previous mode.*
- *When search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*
- *"NO SONG" will be displayed if there are no songs in the selected playlist in the PLAYLIST search mode.*
- *"NO PODCAST" will be displayed if there is no podcast data in the iPhone/iPod in the PODCAST search mode.*
- *"NOAUDIOBOK" will be displayed if there is no audiobook data in the iPhone/iPod in AUDIOBOOK search mode.*
- *If "iPod name" stored in the iPhone/iPod is selected in the desired Playlist search mode, and* **►/II/ENT** *is pressed, you can search for all songs in the iPhone/iPod. Also, if you press and hold* **►/II/ENT** *for at least 2 seconds, all songs in the iPhone/iPod are played back.*
- *Depending on the iPhone/iPod, podcast search is not supported.*
- *If any one of the* **preset buttons (1 through 6)** *is pressed in the search mode, a search can be made quickly by skipping to the specified location. For details, refer to "Direct Search Function" on page 25.*

Quick Search

You can search a song from all songs in the iPhone/iPod without selecting an album, artist, etc.

1 **Press and hold 🔍/ESC for at least 2 seconds to activate the Quick Search mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select a desired song.**

The selected song is played back immediately.

Notes

- *Press and hold* **🔍/ESC** *for at least 2 seconds in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 10 seconds.*
- *If many songs are in the iPhone/iPod, it takes time to search for songs.*
- *If any one of the* **preset buttons (1 through 6)** *is pressed in the search mode, a search can be made quickly by skipping to the specified location. For details, refer to "Direct Search Function" on page 25.*
- *This function is inactive during repeat (⮌) playback.*

Direct Search Function

The unit's direct search function can be used to search for an album, song, etc., more efficiently. In PLAYLIST/ARTIST/ALBUM/SONG/PODCAST/GENRE/COMPOSER/AUDIOBOOK mode, you can quickly target any song.

1 **In the search mode, press any one of the preset buttons (1 through 6) to quickly skip over a designated percent of your song content.**

Song search example:

If there are 100 songs in your iPhone/iPod, they are divided into 6 groups using percentages (shown below). These groups are assigned to the preset buttons (1 through 6).

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Example 1:

Suppose the song you are searching for is located at around the middle (50%) of your library: press button 4 to jump to the 50th song and turn the **Rotary encoder** *to find the desired song.*

Example 2:

Suppose the song you are searching for is located near the end (83%) of your library: press button 6 to jump to the 83rd song and turn the **Rotary encoder** *to find the desired song.*

	All 100 songs (100%)					
	0%	17%	33%	50%	67%	83%
Preset buttons	1	2	3	4	5	6
Songs	1st song	17th song	33rd song	50th song	67th song	83rd song

Select Playlist/Artist/Album/Genre/Composer

Playlist/Artist/Album/Genre/Composer can be easily changed.
For example, if you listen to a song from a selected album, the album can be changed.

1 Press 1◄/AF or ►2 to select the desired Playlist/Artist/Album/Genre/Composer.

Notes

- *If the song search mode was used to select a song, this function is inactive.*
- *If an album is selected during an artist search, other albums by that artist are searchable.*
- *This function is inactive during shuffle ( ) playback.*

Random Play Shuffle (M.I.X.)

The Shuffle function of the iPhone/iPod is displayed as on this unit.

Shuffle Albums:
The songs on each album are played back in proper order. Upon completion of all the songs on the album, the next album is selected randomly. This continues until all albums have been played.

Shuffle Songs:
Song shuffle randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.

1 Press 5 .

The songs are played back in random sequence.

*1 → *2 → (off) →

*1 *Shuffle Albums.*
*2 *Shuffle Songs.*

2 To cancel M.I.X. play, select (off) with the above procedure.

Note

- *If a song is selected in the album search mode before selecting M.I.X. play, the songs will not play back randomly even when Shuffle Albums is selected.*

Shuffle ALL:
Shuffle ALL plays all songs in the iPhone/iPod randomly. Any one song does not play back again until all songs have been played back.

1 Press 6.

The songs are played back in random sequence.

* → (off) →

* *Shuffle ALL.*

2 To cancel M.I.X. play, select (off) with the above procedure.

Note

- *If Shuffle ALL is selected, the selected songs being played back in the search mode are cancelled.*

Repeat Play

Only Repeat One is available for the iPhone/iPod.

Repeat One:
A single song is repeatedly played back.

1 Press 4.

The song is played back repeatedly.

* → (off) →

* *Repeat One.*

2 To cancel repeat play, select (off) with the above procedure.

Note

- *During repeat playback, no other songs are selectable by pressing ⏮ or ⏭.*

Displaying the Text

You can display the tag information of a song in the iPhone/iPod.

1 Press VIEW.

Each press changes the display.

Note

- *When the TEXT SCR is set to SCR MANU, press and hold* **VIEW** *for at least 2 seconds, the current text will be scrolled one time.*

TRACK NO./ELAPSED TIME → ARTIST NAME* → ALBUM NAME* → SONG TITLE* → TRACK NO./ELAPSED TIME

* *TAG information*
"ARTIST"/"ALBUM"/"SONG" is displayed if there is no tag information.

Notes

- *Only alphanumeric characters (ASCII) can be displayed.*
- *If the artist, album or song name, created in iTunes, has too many characters, songs may not be played back when connected to the adapter. Therefore, a maximum of 250 characters is recommended. The maximum number of characters for the head unit is 64 (64 byte).*
- *Some characters may not be correctly displayed.*
- *"NO SUPPORT" is displayed if text information is not supported by the unit.*

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Information

In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Basic

No function or display.
- Vehicle's ignition is off.
  - If connected following instructions, the unit will not operate with the vehicle's ign tion off.
- Improper power lead (Red) and battery lead (Yellow) connections.
  - Check power lead and battery lead connections.
- Blown fuse.
  - Check the fuse of the unit; replace with the proper value if necessary.
- Internal micro-computer malfunctioned due to interference noise etc.
  - Press the RESET switch with a ballpoint pen or other pointed article.

Radio

Unable to receive stations.
- No antenna or open connection in cable.
  - Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.
- You are in a weak signal area.
  - Make sure the tuner is in the DX mode.
- If the area you are in is a primary signal area, the antenna may not be grounded and connected properly.
  - Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
- The antenna may not be the proper length.
  - Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.
- The antenna is not the proper length.
  - Extend the antenna fully; replace it if it is broken.
- The antenna is poorly grounded.
  - Make sure the antenna is grounded properly at its mounting location.

CD

CD Player not functioning.
- Out of operating temperature range +50°C (+120°F) for CD.
  - Allow the vehicle's interior (or trunk) temperature to cool.

CD playback sound is wavering.
- Moisture condensation in the CD Module.
  - Allow enough time for the condensation to evaporate (about 1 hour).

CD insertion not possible.
- A CD is already in the CD player.
  - Eject the CD and remove it.
- The CD is being improperly inserted.
  - Make sure the CD is being inserted following instructions in the CD Player Operation section.

Unable to fast forward or backward the CD.
- The CD has been damaged.
  - Eject the CD and discard it; using a damaged CD in your unit can cause damage to the mechanism.

CD playback sound skips due to vibration.
- Improper mounting of the unit.
  - Securely re-mount the unit.
- The disc is very dirty.
  - Clean the disc.
- The disc has scratches.
  - Change the disc.
- The pick-up lens is dirty.
  - Do not use a commercially available lens cleaner disc. Consult your nearest Alpine dealer.

CD playback sound skips without vibration.
- The disc is dirty or scratched.
  - Clean the disc; damaged disc should be replaced.

Error displays (built-in CD player only).
- Mechanical error
  - Press ⏏. After the error indication disappears, insert the disc again. If the above-mentioned solution does not solve the problem, consult your nearest Alpine dealer.

CD-R/CD-RW playback not possible.
- Close session (finalisation) has not been performed.
  - Perform finalisation and attempt playback again.

MP3/WMA/AAC

MP3, WMA or AAC is not played back.
- Writing error occurred. The MP3/WMA/AAC format is not compatible.
  - Make sure the MP3/WMA/AAC has been written in a supported format. Refer to "About MP3/WMA/AAC" on page 12, then rewrite in the format supported by this device.

Audio

The sound is not output from the speakers.
- Unit has no output signal of the internal amplifier.
  - POWER IC is switched to "POW ON", refer to "Connecting to an External Amplifier (POWER IC)" on page 18.

iPod

iPod does not play and no sound is output.
- The iPod has not been recognised.
  - Reset this unit and the iPod. Refer to "Initial System Start-Up" on page 6. To reset the iPod, refer to the Owner's Manual of the iPod.

Indication for CD Player

NO DISC

- No CD is inserted.
  - Insert a CD.
- Although a disc is inserted, "NO DISC" is displayed and the unit does not start to play or eject the disc.
  - Remove the disc by following these steps:
    Press the ⏏ button again for at least 2 seconds.
    If the disc still does not eject, consult your Alpine dealer.

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ERROR

- Mechanism error.
  1 **Press the ⏏ button and eject the CD.**
  If not ejecting, consult your Alpine dealer.
  2 **When the error indication remains after ejecting, press the ⏏ button again.**
  If the error indication still does not turn off after pressing the ⏏ button for a few times, consult your Alpine dealer.
- When "ERROR" is displayed:
  If the disc cannot be ejected by pressing ⏏, press the **RESET** switch (Refer to "Initial System Start-Up" on page 6) and press ⏏ again.
  If the disc still cannot be ejected, consult your Alpine dealer.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

Indication for USB Memory

ERROR

- Abnormal current is run to the USB connector device (an error message may be displayed if the USB device that is not compatible with the unit is connected).
  USB Memory is a malfunction or it is shorted.
  – Connect another USB Memory.

UNIT ERROR

- A USB device that is not supported by the unit is connected.
  – Connect a USB device that is supported by the unit.

NO DEVICE

- A USB Memory is not connected.
  – Make sure the USB Memory device is correctly connected and the cable is not excessively bent.

NO FILE

- No song (file) is stored in the USB Memory.
  – Connect the USB Memory device after storing songs (files).

UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

NO SUPPORT

- Text information that is not recognizable by the unit has been input.
  – Use a USB Memory device with input text information that is supported by the unit.

Indication for iPod Mode

NO IPOD

- The iPhone/iPod is not connected.
  – Make sure the iPhone/iPod is correctly connected (Refer to "Connections" on page 32).
  Make sure the cable is not bent excessively.

NO SONG

- There are no songs in the iPhone/iPod.
  – Download songs to the iPhone/iPod and connect to this unit.

ERROR-01

- Communication error
  – Turn the ignition key off, and then set to ON again.
  – Reset the iPod.
  – Check the display by reconnecting between the iPhone/iPod and this unit, using the iPhone/iPod cable.

ERROR-02

- Caused by the iPhone/iPod Software Version not being compatible with this unit.
  – Update the iPhone/iPod Software Version to be compatible with this unit.

ERROR-03

- The iPhone/iPod is not verified.
  – Reset the iPod.
  – Try another iPhone/iPod, if available.

ERROR-04

- Power surge error
  Excessive voltage/current is supplied to the iPhone/iPod.
  – Try another iPhone/iPod, if available.

BLUETOOTH mode

NO UNIT

- The BLUETOOTH device is not connected.
  – Connect the BLUETOOTH device.

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Indication for all Modes

DC ERROR

- Malfunction occurred as a result of the speaker cable shorting on the car chassis.
  - Route the cable correctly, and set "POWER IC" to "POW ON". Refer to "Connecting to an External Amplifier (POWER IC)" on page 18. If the above solution does not work, consult your nearest dealer.

Specifications

FM TUNER SECTION

Tuning Range	87.5~108.0 MHz
Mono Usable Sensitivity	0.7 µV
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

MW TUNER SECTION

Tuning Range	531~1,602 kHz
Sensitivity (IEC Standard)	25.1 µV/28 dB

LW TUNER SECTION

Tuning Range	153~281 kHz
Sensitivity (IEC Standard)	31.6 µV/30 dB

CD PLAYER SECTION

Frequency Response	5~20,000 Hz (±1 dB)
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

USB SECTION

USB requirements	USB 1.1/2.0
Max. Power Consumption	500 mA
USB Class	Mass Storage
File System	FAT 12/16/32
MP3 Decoding	MPEG-1/2 AUDIO Layer-3
WMA Decoding	Windows Media™ Audio
AAC Decoding	AAC-LC format ".m4a" file
Number of Channels	2-Channel (Stereo)
Frequency Response*	5~20,000 Hz (±1 dB)
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

* *Frequency response may differ depending on the encoder software/bit rate.*

BLUETOOTH SECTION (CDE-113BT/CDE-114BTi only)

BLUETOOTH Specification	BLUETOOTH V2.0
Output Power	+4 dBm Max. (Power class 2)
HFP	(Hands-Free Profile)
HSP	(Head Set Profile)

PICKUP

Wave length	795 nm
Laser power	CLASS I

GENERAL

Power Requirement	14.4 V DC (11~16 V allowable)
Maximum Power Output	50 W × 4
Maximum Pre-Output Voltage	2 V/10 k ohms
Bass	±14 dB at 60 Hz
Treble	±14 dB at 10 kHz
Weight	1.5 kg (3 lbs. 4 oz)

CHASSIS SIZE

Width	178 mm (7")
Height	50 mm (2")
Depth	161 mm (6~3/8")

NOSEPIECE SIZE

Width	170 mm (6~3/4")
Height	46 mm (1~13/16")
Depth	25 mm (1")

Note

- *Due to continuous product improvement, specifications and design are subject to change without notice.*

⚠CAUTION

(Bottom side of player)

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Installation and Connections

Before installing or connecting the unit, please read the following and refer to "Operating Instructions" on page 3 for proper use.

⚠ WARNING

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR SHIFT LEVER.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

⚠ CAUTION

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

⚠ PRECAUTIONS

- Be sure to disconnect the cable from the (–) battery post before installing your CDE-111R/CDE-111RM/CDE-112Ri/CDE-113BT/CDE-114BTi. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the colour coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the CDE-111R/CDE-111RM/CDE-112Ri/CDE-113BT/CDE-114BTi to the fuse box, make sure the fuse for the intended circu t of the CDE-111R/CDE-111RM/CDE-112Ri/CDE-113BT/CDE-114BTi has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The CDE-111R/CDE-111RM/CDE-112Ri/CDE-113BT/CDE-114BTi uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized Alpine dealer for assistance.
- Be sure to connect the speaker (–) leads to the speaker (–) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.

IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number or the engraved serial number is located on the bottom of the unit.

SERIAL NUMBER: [ ]
INSTALLATION DATE: [ ]
INSTALLATION TECHNICIAN: [ ]
PLACE OF PURCHASE: [ ]

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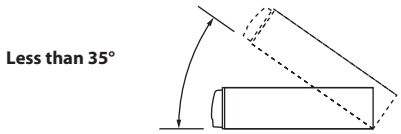
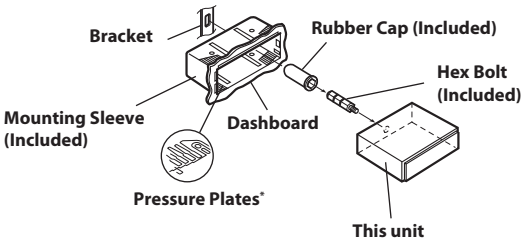
Installation

⚠CAUTION

When you install this unit in your car, do not remove the detachable front panel.
If the detachable front panel is removed during installation, you might press too hard and warp the metal plate that holds it in place.
The main unit must be mounted within 35 degrees of the horizontal plane, back to front.

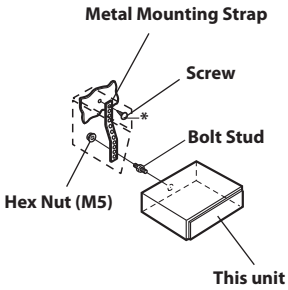


1 **Remove the mounting sleeve from the main unit (Refer to "Removal" on page 31). Slide the mounting sleeve into the dashboard and fix it with the metal shackles.**



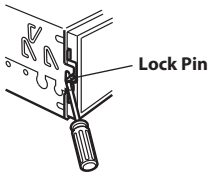
* *If the installed mounting sleeve is loose in the dashboard, the pressure plates may be bent slightly to remedy the problem.*

2 **When your vehicle has the Bracket, mount the long hex bolt onto the rear panel of the CDE-111R/CDE-111RM/CDE-112Ri/CDE-113BT/CDE-114BTi and put the Rubber Cap on the hex bolt. If your vehicle does not have the Mounting Support, reinforce the head unit with the metal mounting strap (not supplied). Connect all the leads of the CDE-111R/CDE-111RM/CDE-112Ri/CDE-113BT/CDE-114BTi according to details described in the CONNECTIONS section.**



* *For the screw*, provide a proper screw to the chassis installing location.*

3 **Slide the CDE-111R/CDE-111RM/CDE-112Ri/CDE-113BT/CDE-114BTi into the dashboard. When the unit is in place, make sure the locking pins are fully seated in the down position. This can be done by pressing firmly in on the unit while pushing the locking pin down with a small screwdriver. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the detachable front panel.**



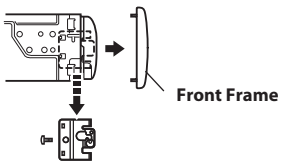
Removal

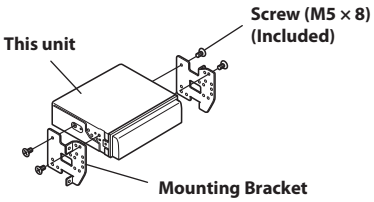
1 **Remove the detachable front panel.**

2 **Use a small screwdriver (or similar tool) to push the locking pins to the "up" position (see above drawing). As each pin is unlocked, gently pull out on the unit to make sure it does not re-lock before unlocking the second pin.**

3 **Pull the unit out, keeping it unlocked as you do so.**

JAPANESE CAR





Mounting the Microphone (CDE-113BT/CDE-114BTi only)

For the sake of safety, mount the microphone in the following location.

- In a stable and secure location.
- In a location that does not inhibit safely driving the vehicle.
- Mount the microphone in a location where the driver's voice can easily be picked up.

Choose a location for the microphone that can easily pick up the drivers voice. Requiring the driver to move towards the microphone for audibility causes a distraction that could be dangerous.

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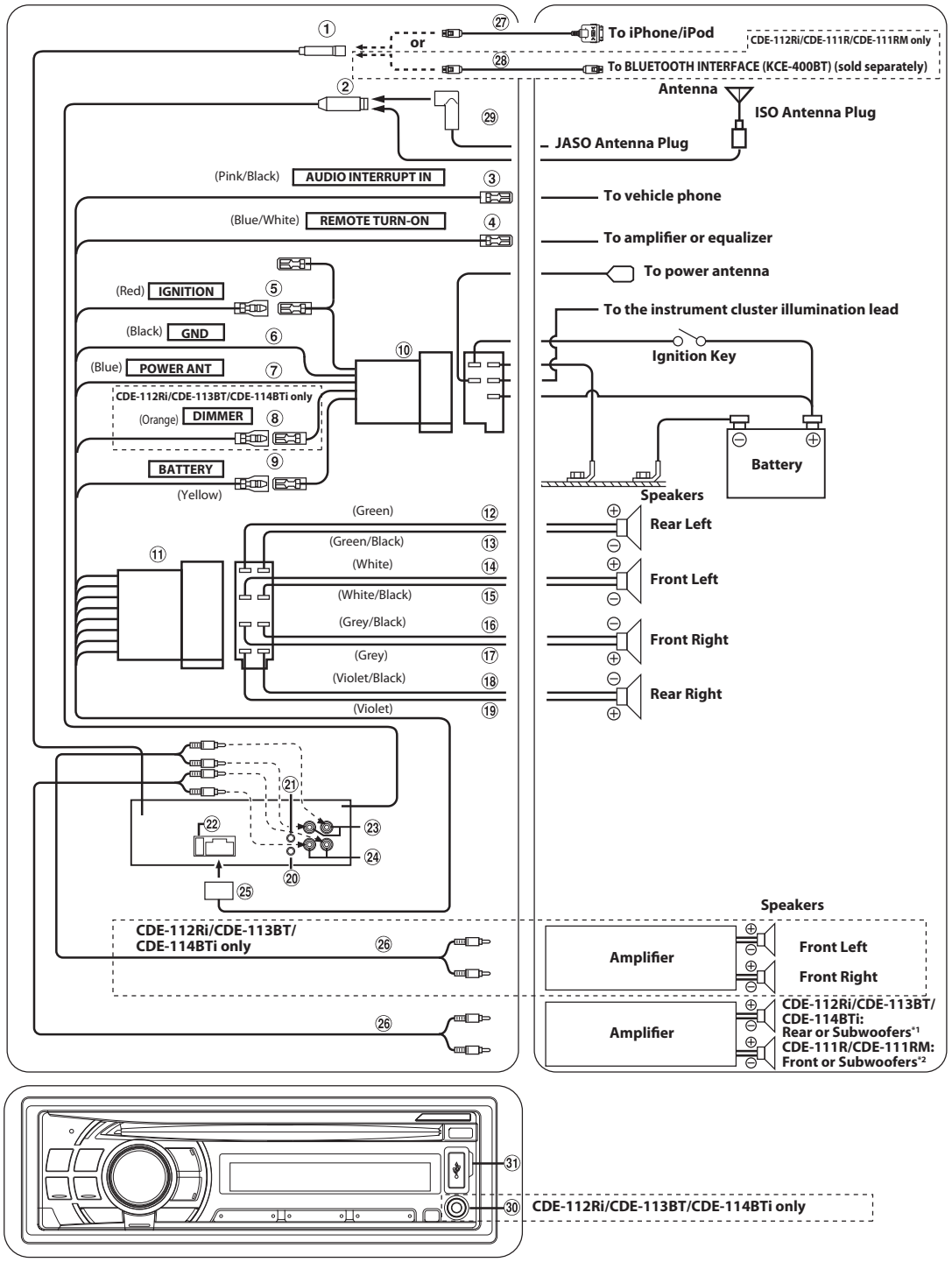
Connections



*1 *When Subwoofer is OFF: Output is for Rear speakers. When Subwoofer is ON: Output is for Subwoofer.*

*2 *When Subwoofer is OFF: Output is for Front speakers. When Subwoofer is ON: Output is for Subwoofer.*
For details on how to set the Subwoofer to ON/OFF, refer to "Subwoofer On and Off" on page 17.

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① **Full Speed Connector**

Control iPhone/iPod signals.
Connect this to an iPhone/iPod by using FULL SPEED Connection Cable (KCE-433iV) (sold separately for CDE-111R/CDE-111RM/CDE-113BT) or to an external device (such as a portable player) by using conversion cable (KCE-237B) for building up the AUX IN (sold separately).

Note

- *Refer to "Setting the AUX+ SETUP Mode" on page 19.*

AUX+ ON :
When the external device is connected.
AUX+ OFF :
When an iPhone/iPod is connected.
You can also connect this to an optional BLUETOOTH INTERFACE (KCE-400BT) (CDE-111R/CDE-111RM/CDE-112Ri only). To use a hands-free mobile phone, an optional BLUETOOTH INTERFACE (KCE-400BT) connection is required. For details on connection, refer to the Owner's Manual of the BLUETOOTH INTERFACE (KCE-400BT).

② **Antenna Receptacle**

③ **Audio Interrupt In Lead (Pink/Black)**

Connect this lead to the Audio Interface output of a cellular phone which provides ground shorting when a call is received.

④ **Remote Turn-On Lead (Blue/White)**

Connect this lead to the remote turn-on lead of your amplifier or signal processor.

⑤ **Switched Power Lead (Ignition) (Red)**

Connect this lead to an open terminal on the vehicle's fuse box or another unused power source which provides (+) 12V only when the ignition is turned on or in the accessory position.

⑥ **Ground Lead (Black)**

Connect this lead to a good chassis ground on the vehicle. Make sure the connection is made to bare metal and is securely fastened using the sheet metal screw provided.

⑦ **Power Antenna Lead (Blue)**

Connect this lead to the +B terminal of your power antenna, if applicable.

Note

- *This lead should be used only for controlling the vehicle's power antenna. Do not use this lead to turn on an amplifier or a signal processor, etc.*

⑧ **Dimmer Lead (Orange) (CDE-112Ri/CDE-113BT/ CDE-114BTi only)**

This lead may be connected to the vehicle's instrument cluster illumination lead. This will enable the vehicle's dimmer control to dim the backlighting of the unit.

⑨ **Battery Lead (Yellow)**

Connect this lead to the positive (+) post of the vehicle's battery.

⑩ **ISO Power Supply Connector**

⑪ **ISO Connector (Speaker Output)**

⑫ **Left Rear (+) Speaker Output Lead (Green)**

⑬ **Left Rear (–) Speaker Output Lead (Green/Black)**

⑭ **Left Front (+) Speaker Output Lead (White)**

⑮ **Left Front (–) Speaker Output Lead (White/Black)**

⑯ **Right Front (–) Speaker Output Lead (Grey/Black)**

⑰ **Right Front (+) Speaker Output Lead (Grey)**

⑱ **Right Rear (–) Speaker Output Lead (Violet/Black)**

⑲ **Right Rear (+) Speaker Output Lead (Violet)**

⑳ **Steering Remote Control Interface Connector**

To steering remote control interface box.
You can operate this unit from the vehicle's control unit when an Alpine Steering Remote Control Interface Box (optional) is connected. For details, contact your Alpine dealer.

㉑ **MIC Input Connector (CDE-113BT/CDE-114BTi only)**

To Microphone.

㉒ **Fuse Holder (10A)**

㉓ **Front Output RCA Connectors (CDE-112Ri/CDE-113BT/ CDE-114BTi only)**

RED is right and WHITE is left.

㉔ **Rear/Subwoofer Output RCA Connectors (CDE-112Ri/ CDE-113BT/CDE-114BTi only)**

Front/Subwoofer Output RCA Connectors (CDE-111R/CDE-111RM only)
RED is right and WHITE is left.

㉕ **Power Supply Connector**

㉖ **RCA Extension Cable (sold separately)**

㉗ **FULL SPEED Connection Cable (KCE-433iV) (sold separately for CDE-111R/CDE-111RM/CDE-113BT)**

㉘ **KCE-400BT Connection Cable (Included with KCE-400BT)**

㉙ **ISO/JASO Antenna Adaptor (sold separately)**

An ISO/JASO antenna adapter may be required, depending on the vehicle.

㉚ **Front AUX Input Terminal (CDE-112Ri/CDE-113BT/ CDE-114BTi only)**

This terminal allows for input of audio from an external device (such as a portable player), using a commercially-available converter cable.

㉛ **USB Terminal**

Connect this to a USB Memory (sold separately).

To prevent external noise from entering the audio system.

- **Locate the unit and route the leads at least 10 cm away from the car harness.**
- **Keep the battery power leads as far away from other leads as possible.**
- **Connect the ground lead securely to a bare metal spot (remove any paint, dirt or grease if necessary) of the car chassis.**
- **If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.**
- **Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.**

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Alpine Electronics, Inc.
20-1 Yoshima- Kogyodanchi, Iwaki, Fukushima 970-1192, Japan
Phone: +81-246-36-4111 Fax: +81-246-36-6090

Declaration of Conformity

CE

We, the undersigned,

Authorized representative in Europe	:	**Alpine Electronics (Europe) GmbH**
Address, City	:	**Wilhelm-Wagenfeld-Str. 1-3, 80807 Munich**
Country	:	**Germany**

certify and declare under our sole responsibility that the following apparatus :

Description	:	**CD Player with Radio Receiver**
Manufacturer	:	**Alpine Electronics, Inc.**
Brand	:	**ALPINE**
Identification	:	**CDE-113BT (MFAG911A)**
Installed BlueTooth module	:	**CK5000New**
Test Report No.	:	**EMITECH ATLANTIQUE Laboratory**
		Radio :RA-24-08102174-1/A Ed.0
		EMC :RA-22-08102174-1/A Ed.0
		LVD :RA-26-08102236-1/A Ed.0

conforms with the essential requirements of the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC, based on the following specifications applied:

Radio : EN300328 V1.7.1(2006-10)
EMC : EN301489-1 V1.6.1(02), EN301489-17 V1.2.1(02)
LVD : EN60950-1(2006)

and therefore complies with the essential requirements and provisions of the R&TTE Directive.

The Technical documentation is kept at the following address:

Company	:	**Alpine Electronics (Europe) GmbH**
Address, City	:	**Wilhelm-Wagenfeld-Str. 1-3, 80807 Munich**
Country	:	**Germany**
Phone number	:	**49(0)89-324264-240**
Fax number/e-mail	:	**49(0)89-324264-241**

Name and position of person binding the manufacturer or his authorized representative	:	**Shinichi Asuke** **Engineering Planning Dept.** **Alpine Electronics, Inc.**
Signature of the authorized person	:	S. Asuke
Date of issue	:	**August 21, 2009**

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Authorized representative in Europe	:	**Alpine Electronics (Europe) GmbH**
Address, City	:	**Wilhelm-Wagenfeld-Str. 1-3, 80807 Munich**
Country	:	**Germany**

certify and declare under our sole responsibility that the following apparatus :

Description	:	**CD Player with Radio Receiver**
Manufacturer	:	**Alpine Electronics, Inc.**
Brand	:	**ALPINE**
Identification	:	**CDE-114BTi (MFAG912A)**
Installed BlueTooth module	:	**CK5000New**
Test Report No.	:	**EMITECH ATLANTIQUE Laboratory**
		Radio :RA-24-08102174-1/A Ed.0
		EMC :RA-22-08102174-1/A Ed.0
		LVD :RA-26-08102236-1/A Ed.0

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